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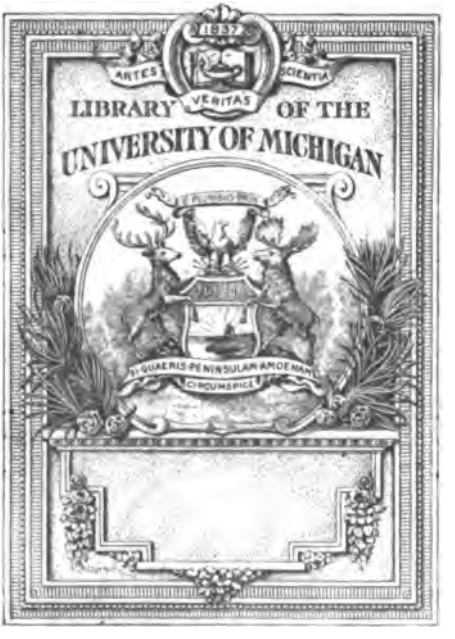

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Governor.

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THIRTY-FIRST ANNUAL REPORT

OF THE

DEPARTMENT OF LABOR

OF THE

STATE OF MICHIGAN

BY AUTHORITY

LANSING, MICHIGAN
WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS
1914

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FORMER BUREAU OFFICIALS.

COMMISSIONERS OF LABOR WITH THEIR TERMS OF OFFICE.

John W. McGrath	May, 1883, to February 28, 1885.
Cornelius V. R. Pond	March 1, 1885, to February 28, 1887.
Alfred H. Heath	March 1, 1887, to February 28, 1891.
Henry A. Robinson	March 1, 1891, to April 1, 1893.
Charles H. Morse	April 13, 1893, to May 1, 1897.
Joseph L. Cox	May 1, 1897, to February 28, 1901.
Scott Griswold	March 1, 1901, to February 28, 1905.
Malcolm J. McLeod	March 1, 1905, to August 15, 1908.
Richard H. Fletcher	August 15, 1908, to June 30, 1911.
Perry F. Powers	July 1, 1911, to June 30, 1913.
James V. Cunningham	Appointed July 1, 1913.

DEPUTY COMMISSIONERS.

John Devlin	June 19, 1883, to February 28, 1885.
Frank B. Eagan	March 1, 1885, to February 28, 1887.
Chas. E. Barnes	March 1, 1887, to February 28, 1891.
Milo E. Marsh	March 1, 1891, to April 30, 1893.
Joseph W. Selden	May 1, 1893, to May 30, 1894.
H. R. Dewey	June 1, 1894, to February 28, 1897.
John Holbrook	March 1, 1897, to February 28, 1901.
Malcolm J. McLeod	March 1, 1901, to February 28, 1905.
Richard H. Fletcher	March 1, 1905, to August 15, 1908.
Charles H. Johnson	August 15, 1908, to June 30, 1911.
John W. Smith	July 1, 1911, to June 30, 1913.
Chas. E. Hogadone	Appointed July 1, 1913.

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LETTER OF TRANSMITTAL.

Lansing, Michigan, March 6th, 1914.

HON. WOODBRIDGE N. FERRIS, *Governor of Michigan:*

Sir:—In compliance with the laws of the State of Michigan I have the honor to submit herewith the thirty-first annual report of the Department of Labor of this state.

Respectfully,
JAS. V. CUNNINGHAM,
Commissioner of Labor.

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ANNUAL REPORT

OF THE

COMMISSIONER OF LABOR

COMMENTS.

The department has endeavored to conduct a very thorough and complete inspection of all industries that come under its jurisdiction.

Due to the careful and thorough work of our inspectors numerous improvements have been brought about in general working conditions. In many instances the department has met with hearty cooperation on the part of the employers along the lines of improving conditions for employes.

SAFETY AND HEALTH.

The Workmen's Compensation Law has aided this department very materially in the enforcement of the law relative to equipping machinery, etc., with safety devices, as well as the bettering of sanitary conditions and providing adequate means of escape in case of fire.

The watchword now very generally seems to be: SAFETY FIRST.

PROSECUTIONS.

While numerous prosecutions have been necessary on account of violations during the year, yet, I am convinced that the necessity for such action is growing less, as our labor laws are being well supported by popular sentiment and for the additional reason that they are recognized as being mutually beneficial to employer and employe.

ENFORCEMENT OF NEW LAWS.

There has been added to the duties of this department the enforcement of the act passed by the last legislature providing for the regulation and licensing of Private Employment Agencies. This has increased very materially the work of the department. The necessity for this law and its strict enforcement is plainly evident from the numerous complaints made to this department.

The burden of enforcing Act No. 188 of the Public Acts of 1913, entitled, an act relative to the conduct of hotels, inns and public lodging houses, has fallen largely upon this department. There being no appropriation for carrying on the work the Chief Clerk of the department, Mr.

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James F. Hammell, generously consented to act as Chief Hotel Inspector, without pay, and our regular Deputy Factory Inspectors, as well as a Special Agent of the department, were deputized as Deputy Hotel Inspectors to carry out the provisions of this act. In this way we have been able to secure fairly good results but not all that could be desired. The importance of a thorough and proper inspection and regulation of all hotels, inns and public lodging houses, as provided in this law, is not only desirable for the welfare and safety of the traveling public but is absolutely necessary.

INCREASED DUTIES OF THIS DEPARTMENT AND ITS INSPECTORS.

The duties of the department have steadily and rapidly increased in the past few years. By referring to the statistical portion of this report, besides the duties imposed by the new laws heretofore referred to, it will be noted that this year our inspectors visited and inspected 11,828 factories and workshops as compared with 10,601 inspected last year, which shows an increase in this branch of the work alone of 1,267, and in comparison with the report of 1910 which shows 9,052 inspections, makes an increase in the past four years of 2,775. There has been a similar increase in the number of stores, theaters, schools, public buildings, and in fact all along the line of work of the department, all of which indicates the growth and prosperity of the state.

SPECIAL INVESTIGATIONS.

A special investigation has been made of the railroads of the state, both steam and electric, the express companies have been asked for some detailed information and a special canvass has been made of the beet sugar industry. The results of these investigations will appear later in the report.

EMPLOYMENT AND UNEMPLOYMENT.

While there has been considerable agitation during the winter regarding the unemployed, the industries inspected by this department show a large increase in the number of people employed as compared with last year. A careful analysis of the situation and its causes show that those out of employment come largely from what are known as Seasonal Occupations, and that the condition is not materially different this year from what it has been for a number of years past. The large influx of immigrants and the general tendency of people to flock to large cities is almost sure to cause a congestion in the labor market, and a better and more thorough method of distributing labor to localities where it is needed is desirable and necessary for the welfare of all concerned.

In view of this condition and knowing that the great and all absorbing question confronting the farmers of our state is that of securing farm help, and realizing that our Free Employment Bureaus are inadequate under present conditions to care for the whole state, I have requested the County Clerks of the counties in which there are no Free Employment Bureaus located to maintain a Free Employment Bureau in connection with their office. Several of them have consented to cooperate with our office and inform us as to the need for help in their

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respective localities. I intend to request some other county official to carry on the work in cases where the County Clerk is unable to do so. I am in hope that this plan will to a great extent solve the problem for the farmer, and also care for a large number of the unemployed in our larger cities.

FREE EMPLOYMENT BUREAUS.

At present there are established and maintained by the state five Free Employment Bureaus, one each in the cities of Detroit, Saginaw, Jackson, Kalamazoo and Grand Rapids. All of these offices are being well conducted, and the large number of people furnished employment by them is sufficient evidence of their value to employes, employers and the state.

While the law establishing Free Employment Bureaus has named several other cities in the state at which bureaus are authorized to be maintained, this department has been unable to maintain the same in those places on account of a lack of sufficient appropriation. It is plainly evident to the department, in view of the importance of this work, that more bureaus should be established and maintained by the state.

POWER USED.

A large number of our industries are using steam, there being in operation in places inspected 6,110 steam boilers this year as compared with 6,331 last year, a decrease of 221. Water power is being used in 225 places as against 252 last year, a decrease of 27; electric power is being used in 4,179 places this year as against 3,639 last year, a gain of 540; gas and gasoline power is used in 2,856 places this year as against 1,430 last year an increase of 1,426; and rented power is used in 214 places, or 97 more than last year. This all shows that there is a tendency to discontinue the use of steam in favor of other power.

Under the provisions of the law, this department is empowered to order all stationary steam boilers equipped with low water alarms, and this provision is strictly carried out, but the law does not provide for any further inspection and accidents are liable to happen on account of some weakness of the boilers that only a thorough and careful inspection by a competent engineer would disclose.

RESTAURANTS TO COME UNDER THE FIFTY-FOUR HOUR LAW.

An attempt was made at the last session of the legislature to include restaurants under the provisions of the fifty-four hour law for females. This bill however was defeated. Upon assuming office I asked the Attorney General for an opinion as to whether or not they were included under the present law. The opinion furnished me was that employment in a restaurant is not such as was contemplated by the legislature in the passage of Act No. 285 of the Public Acts of 1909, as amended by Act No. 220 of the Public Acts of 1911.

We have made a very thorough inspection of restaurants this year and in a number of cases found the hours females were required to work inhuman. We met many restaurant owners who willingly came within the provisions of the law when their attention was called to it. Many were already doing so, and in sufficient number to satisfy us that it is

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entirely practicable and feasible for all of them to do so. Why should not females employed in restaurants be protected in the same manner as females in stores and workshops? The fifty-four hour law so far as it goes meets with a very general and popular approval. In my judgment public sentiment demands that the law should include every business of whatever nature conducted for profit.

STATISTICAL AND INSPECTION BLANKS.

A general revision has been made of the blanks heretofore used by the department for collecting statistics and we hope to be able to secure an improved and more complete statistical report for the ensuing year. Copies of these blanks are included in this report.

REMEDIAL LEGISLATION.

The following, I believe, with the proper additions if enacted into law would to a great extent remedy and improve the several and respective conditions to which the same applies.

That the law commonly known as the fifty-four hour law be amended so as to include all females in the employ of the state, as well as all females in the employ of any person, firm or corporation who conducts a business for profit within the state.

Also that the bi-monthly pay law be made to apply to all state employes.

That parents and guardians should be held responsible with the employer where minors under their charge are working without having secured permits as provided by law.

That owners or lessees of public halls in which women and children congregate shall be required to furnish special officers to be in constant charge when the hall shall be thus engaged.

That this department be empowered to inspect steam boilers throughout the state, exempting municipalities where provisions have already been made for such inspection.

Also to inspect all high tension wires which are being strung throughout the country by power companies.

That the portion of the hotel law which applies to fire escapes be amended to comply with the specifications required by this department.

That a law be passed empowering the Board of Supervisors of the several and respective counties of the state to establish and maintain Free Employment Bureaus.

That a law be enacted requiring sanitary soap and towels in all schools throughout the state.

That a law be passed creating a Board of Mediation and Arbitration for the purpose of adjusting labor disputes which may arise from time to time within the state.

That the inspection of all the mines in the state be under the supervision of this department. That all mining companies be required to furnish artificial lights in the mines instead of relying solely upon the lights carried on the hats of the miners, and where practical the tramcars be propelled by some means other than hand power.

An eight hour law for all persons employed in the mines within this state.

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That all buildings equipped with fire escapes be required to post in a conspicuous place in each hall, except the halls on the ground floor, printed notices calling attention to and directing the way to fire escapes.

In conclusion, I desire to say that the work of this department is very elevating and humane in its nature and in which I have always been deeply interested and as a consequence I have always found my duties very congenial. I also desire to congratulate and thank my entire force of assistants for the energetic, careful and competent manner in which they have performed their respective duties.

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OFFICIAL STAFF OF THE DEPARTMENT OF LABOR.

Commissioner, JAMES V. CUNNINGHAM.
Deputy Commissioner, CHAS. E. HOGADONE.
Chief Clerk, JAMES F. HAMMELL.
Attorney, EDW. J. MINOCK.

NAMES OF INSPECTORS AND THEIR DISTRICTS.

FIRST DISTRICT.

Wayne County, East of Woodward Ave.

GEORGE N. ROBERGE,
JOHN J. MCDONALD.

SECOND DISTRICT.

Wayne County, West of Woodward Ave.

PERRY J. WARD,
GUSTAV DIHLE.

THIRD DISTRICT.

Hillsdale,
Jackson,
Ingham,
Lenawee,
Livingston,
Monroe,
Oakland,
Washtenaw.

FRANKLIN L. DODGE, JR.

FOURTH DISTRICT.

Barry,
Branch,
Calhoun,
Clinton,
Eaton,
Ionia,
Kalamazoo,
St. Joseph.

FRED C. HAYES.

FIFTH DISTRICT.

Allegan,
Berrien,
Cass,
Ottawa.
Van Buren.

HENRY W. MCCABE.

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SIXTH DISTRICT.

Kent,
Montcalm,
Mecosta,
Osceola.

FRED A. ZIERLEYN.

SEVENTH DISTRICT.

Benzie,
Grand Traverse,
Kalkaska,
Lake,
Leelanau,
Manistee,
Mason,
Missaukee,
Muskegon,
Newaygo,
Oceana,
Wexford.

CHAS. D. MORIARTY.

EIGHTH DISTRICT.

Alpena,
Antrim,
Charlevoix,
Cheboygan,
Chippewa,
Emmet,
Luce,
Mackinac,
Montmorency,
Otsego,
Presque Isle,
Schoolcraft.

JOHN A. MCTAVISH.

NINTH DISTRICT.

Alcona,
Arenac,
Bay,
Crawford,
Gladwin,
Iosco,
Ogemaw,
Oscoda,
Roscommon.

C. L. SHELDON.

TENTH DISTRICT.

Clare,
Gratiot,
Isabella,
Midland,
Saginaw,
Shiawassee.

JAMES LYNCH.

ELEVENTH DISTRICT.

Genesee,
Huron,
Lapeer,
Macomb,
St. Clair,
Sanilac,
Tuscola.

GEORGE E. MCKINLEY.

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TWELFTH DISTRICT.

Alger,	Houghton,
Baraga,	Iron,
Delta,	Keweenaw,
Dickinson,	Marquette,
Gogebic,	Menominee,

Ontonagon.

M. C. SCULLY.

Women Inspectors.—MRS. MARY C. GIRARDIN,
MRS. MAY H. OLSON,
MRS. JULIA M. RUEN.
Boat Inspector.—CAPTAIN JAMES MCLARTY.
Mine Inspector.—THOMAS KANARY.

OFFICE ASSISTANTS.

Statistician.—GLADYS F. SMITH,
Stenographers.— { CARRIE O. BEAUDET.
FRANCES Z. SAUNDERS,
STELLA F. MCLEOD (Detroit office).
Tabulating Clerk.—W. E. CUNNINGHAM.
Messenger.—JAMES P. DONOVAN.

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INSPECTION OF FACTORIES AND WORKSHOPS.

List of establishments visited in 1913, showing date of inspection, name of firm, location, nature of business, number of employes of each sex, whole number employed, and number of children under sixteen years of age.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	ALCONA COUNTY.							
Aug. 26	Gustin Elevator Co	Gustin	Grain	2	....	2	....	1911
Aug. 25	Alcona County Creamery	Harrisville	Dairy products	2	....	2	....	1906
Aug. 25	Alcona County Review	Harrisville	Printed matter	2	1	3	....	1877
Aug. 25	Dube, John	Harrisville	Blacksmithing	2	....	2	....	1912
Aug. 25	Harrisville Electric Light Co	Harrisville	Light	1	....	1	....	1903
Aug. 25	Harrisville Milling Co	Harrisville	Hay, grain, etc	4	10	14	....	1900
Aug. 25	Johnson, F. G. & Co	Harrisville	Peas	9	25	34	....	1908
Aug. 25	Van Buskirk, J. Co., The	Harrisville	Lumber, etc	10	....	10	....	1900
Aug. 25	Yackey, Chris. & Son	Harrisville	Farm implements	5	....	5	....	1912
Aug. 26	Alcona County Herald, The	Lincoln	Printed matter	2	1	3	....	1908
Aug. 26	Alcona Roller Mills	Lincoln	Flour and feed	3	....	3	....	1905
Aug. 26	Dewar, Duncan R	Lincoln	Blacksmithing	3	....	3	....	1899
Aug. 26	Ferris, T. A. & Son	Lincoln	Lumber and shingles	8	....	8	....	1908
Aug. 26	Johnson, F. G. & Co	Lincoln	Peas	3	20	23	....	1908
Aug. 26	Lincoln Creamery, The	Lincoln	Dairy products	2	....	2	....	1910
Aug. 26	Johnson, F. G. & Co	Mikado	Peas	5	15	20	....	1910
	ALGER COUNTY.							
Nov. 4	Mead, Wm	Chatham	Blacksmithing	3	....	3	....	1908
Nov. 1	Cleveland-Cliffs Iron Co., The	Grand Island	Constructing	105	....	105	....	1892
Oct. 30	Central Market	Munising	Meats	2	4	6	....	1911
Oct. 31	Cleveland-Cliffs Iron Co., The	Munising	Lumber, shingles, etc	67	....	67	....	1908
Oct. 31	Cloke, William F	Munising	Shoe repairing	2	....	2	....	1913
Oct. 30	Dresden, John	Munising	Custom clothing	2	1	3	....	1901
Oct. 29	Gottlieb, Adolph	Munising	Cleaning and repairing	1	1	2	....	1910
Oct. 31	Grainger, Walter	Munising	Blacksmithing	3	....	3	....	1895
Oct. 30	Hausler, Frank	Munising	Meats	5	....	5	1	1902
Oct. 31	Hins & Gindebeck	Munising	Millinery	.....	4	4	....	1913
Oct. 31	Holter & Des Jardins	Munising	Plumbing	7	....	7	....	1913
Nov. 1	Jnurinen, Antti	Munising	Shoe repairing	2	....	2	....	1912
Oct. 31	Kelly, Miss A	Munising	Millinery	.....	3	3	....	1912
Oct. 30	Lee, Young Laundry	Munising	Laundry	2	1	3	....	1909
Oct. 31	McDougall Mercantile Co., The	Munising	Meats	2	....	2	....	1906
Oct. 29	McMillan, John	Munising	Flour and feed	3	....	3	....	1898
Oct. 29	Miller, Arthur	Munising	Meats	2	1	3	....	1912
Oct. 28	Munising Cigar Co	Munising	Cigars	6	3	9	....	1904
Oct. 31	Munising Electric Light & Power Co	Munising	Light and power	9	....	9	....	1898
Nov. 1	Munising Foundry Co	Munising	Castings	3	....	3	....	1908
Oct. 28	Munising Leather Co	Munising	Leather	98	....	98	....	1895
Oct. 28	Munising Leather Co	Munising	Meats	3	....	3	1	1896
Oct. 29	Munising Paper Co	Munising	Paper, etc	236	13	249	....	1912
Oct. 31	Munising Publishing Co., The	Munising	Printed matter	3	2	5	....	1910
Oct. 30	Munising Steam Laundry	Munising	Laundry	1	3	4	....	1910

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	ALGER CO.—*Con.*							
Oct. 31	Munising Telephone & Electric Co	Munising	Electrical supplies	2	3	5	....	.....
Oct. 30	Munising Veneer Co	Munising	Veneer	48	1	49	....	1902
Nov. 1	Munising Water Works	Munising	Water	3	....	3	....	1905
Oct. 30	Munising Woodenware Co	Munising	Woodenware	60	....	60	....	1912
Oct. 30	Petersons, E. M. Bakery	Munising	Baked goods	2	1	3	....	1901
Oct. 29	Phillion & Moulds	Munising	Blacksmithing	3	....	3	....	1913
Oct. 29	Superior Baking Co., The	Munising	Baked goods	1	1	2	....	1912
Oct. 31	Superior Veneer & Cooperage Co	Munising	Lumber, veneer, etc	116	5	121	....	1904
Oct. 30	Traverse, George	Munising	Cigars	3	....	3	....	1909
Oct. 31	Wood, Arthur D	Munising	Job printing	2	....	2	....	1910
	ALLEGAN COUNTY.							
Aug. 16	Allegan Carving & Mfg. Co	Allegan	Carving	6	....	6	....	1906
Aug. 26	Allegan Foundry & Machine Co	Allegan	Castings	5	....	5	....	1905
Aug. 25	Allegan Furniture Co	Allegan	Furniture	30	1	31	....	1910
Aug. 27	Allegan Gazette	Allegan	Printed matter	7	4	11	....	1882
Aug. 26	Allegan Granite & Marble Works	Allegan	Monuments	2	....	2	....	1868
Aug. 15	Allegan Milling Co	Allegan	Flour and feed	14	....	14	....	1912
Aug. 26	Allegan Mirror & Frame Co., The	Allegan	Mirrors and frames	22	....	22	....	1906
Aug. 15	Allegan News, The	Allegan	Printed matter	5	3	8	....	1898
Aug. 14	Allegan Water Works	Allegan	Water	2	....	2	....	1901
Aug. 15	Baines, Mosier & Co	Allegan	Cabinets	33	1	34	....	1912
Aug. 15	Baker & Co	Allegan	Furniture	45	....	45	....	1907
Aug. 27	Benton Fruit Products Co	Allegan	Pickles	6	....	6	....	1911
Aug. 16	Born, W. G	Allegan	Wagons	5	....	5	....	1906
Aug. 26	Carl Cigar Co., The	Allegan	Cigars	3	1	4	....	1903
Aug. 15	Commonwealth Power Co	Allegan	Light and power	1	....	1	....	.....
Aug. 26	Feck Bros	Allegan	Auto repairing	3	....	3	....	1911
Aug. 26	Griswold & Nichols	Allegan	Dressed lumber	4	1	5	....	1906
Aug. 15	Handy Electric Mills	Allegan	Flour and feed	2	2	4	....	1901
Aug. 16	Koons, A. J	Allegan	Wagons	4	....	4	....	1888
Aug. 26	McAlpine & Granger	Allegan	Repairing	3	....	3	....	1912
Aug. 15	Oliver & Co	Allegan	Furniture	32	....	32	....	1855
Aug. 25	Overton Creamery Co	Allegan	Dairy products	5	2	7	....	1893
Aug. 26	Owen-Arnold Co., Inc	Allegan	Caskets	7	4	11	....	1905
Aug. 15	Perrigo, L. Co	Allegan	Medicines	6	4	10	....	1888
Aug. 26	Sherman, E. F	Allegan	Hay and grain	4	1	5	....	1910
Aug. 27	Straub, Sheldon P	Allegan	Cigars	1	....	1	....	1911
Aug. 15	Sury, A. B	Allegan	Dressed lumber	7	....	7	....	1892
Aug. 16	Wright Laundry, The	Allegan	Laundry	2	5	7	....	1902
Sept. 12	Bentheim Creamery Co	Bentheim	Dairy products	3	....	3	....	1900
Sept. 15	Lynn Cheese Factory	Bloomingdale	Cheese	2	....	2	....	1885
Sept. 5	Henderson Milling Co	Bradley	Feed	1	....	1	....	1913
Sept. 5	Ross, H. E. & Son	Bradley	Repairing	2	....	2	....	1894
Sept. 5	Rudell Creamery	Bradley	Dairy products	2	....	2	....	1897
Sept. 12	Earles, W. H. Cheese Co	Burnips Corners	Cheese	2	....	2	....	1912
Sept. 12	Gibson, Leo O	Burnips Corners	Feed	2	....	2	....	1905
Sept. 12	Loew, Silas & Co	Burnips Corners	Wagons	2	....	2	....	1907
Sept. 12	Overton Creamery Co	Burnips Corners	Dairy products	2	....	2	....	1895
Aug. 14	Buer, W. J	Dorr	Wagons	2	....	2	....	1893
Aug. 14	Dorr Elevator Co	Dorr	Feed	3	....	3	....	1912
Aug. 14	Herb, Wm	Dorr	Wagons	3	....	3	....	1908
Aug. 14	Overton Creamery Co	Dorr	Dairy products	2	....	2	....	1905
Aug. 14	Williams Bros. Co., The	Dorr	Pickles	3	....	3	....	1900
Sept. 11	Weed, E. E. & Co	Douglas	Fruit packages	109	14	123	....	1896
Sept. 12	East Saugatuck Creamery Co	East Saugatuck	Dairy products	3	....	3	....	1899
Sept. 12	Heinz, H. J. Co	East Saugatuck	Pickles	2	....	2	....	1901

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	ALLEGAN CO.—*Con.*							
Sept. 11	Fennville Herald, The	Fennville	Printed matter	3	1	4	....	1892
Sept. 11	Fennville Milling Co	Fennville	Flour and feed	5	1	6	....	1883
Sept. 11	Homel, F. O	Fennville	Repairing	1	....	1	....	1910
Sept. 11	Sherman, John	Fennville	Dressed lumber, etc	4	1	5	....	1893
Sept. 11	Spielman Bros. Co	Fennville	Cider	8	....	8	....	1905
Sept. 10	Todd, A. M. Co., Ltd	Fennville	Peppermint oil	37	....	37	....	1897
Sept. 16	De Kleine Bros	Fillmore	Pickles	4	....	4	....	1913
Sept. 12	Fillmore Center Creamery Co	Fillmore	Dairy products	3	....	3	....	1904
Sept. 13	Daisy Creamery Co	Graafschap	Dairy products	3	....	3	....	1899
Sept. 13	Brink, John	Hamilton	Dressed lumber	2	....	2	....	1908
Sept. 13	Bulthuis Mfg. Co., The	Hamilton	Gloves	14	9	23	....	1909
Sept. 13	Drenthe-Hamilton Canning Co	Hamilton	Canned goods	6	35	41	....	1913
Sept. 13	Heinz, H. J. & Co	Hamilton	Pickles	6	....	6	....	1869
Sept. 13	Kolvoord Milling Co., The	Hamilton	Flour and feed	3	....	3	....	1908
Sept. 13	Lugten & Hagelskamp	Hamilton	Dressed lumber	10	....	10	....	1907
Sept. 13	Phoenix Cheese Co	Hamilton	Cheese	2	....	2	....	1906
Sept 13	Zeeland Brick Co	Hamilton	Brick	21	....	21	....	1883
Aug. 14	Hilliards Creamery	Hilliards	Dairy products	3	....	3	....	1895
Aug. 14	Walker, Geo. E	Hilliards	Pickles	2	....	2	1	1913
Aug. 14	Hopkins Creamery Co	Hopkins	Dairy products	4	1	5	....	1903
Aug. 14	Krug & Ellinger	Hopkins	Feed	3	....	3	....	1903
Aug. 14	Nicolai, W. F	Hopkins	Lumber, etc	3	....	3	....	1913
Aug. 14	Williams Bros. Co., The	Hopkins	Pickles	3	....	3	....	1902
Aug. 27	Kellogg Creamery Co	Kellogg	Dairy products	1	....	1	....	1895
Sept. 10	Amt, J. Henry Co	Lee	Pickles	2	....	2	....	1902
Aug. 27	Martin Dairy & Produce Co	Martin	Dairy products	3	1	4	....	1906
Aug. 27	Martin Elevator Co., Inc	Martin	Feed	3	....	3	....	1912
Aug. 27	Miner Lake Canning Co	Miner Lake	Dairy products	2	....	2	....	1906
Sept. 5	Moline Cement Tile Co	Moline	Tile	3	....	3	....	1912
Sept. 5	Moline Co-operative Creamery Co	Moline	Dairy products	3	....	3	....	1909
Sept. 5	Moline Roller Mills	Moline	Flour and feed	5	1	6	....	1894
Sept. 5	Sanitary Milk Co	Moline	Cream	2	....	2	....	1901
Sept. 5	Smith, C. B	Moline	Feed	2	....	2	....	1910
Sept. 5	Walker, George E	Moline	Pickles	1	....	1	....	1912
Sept. 12	Oakland Creamery Co	Oakland	Dairy products	2	....	2	....	1906
Aug. 29	Allegan County Gas Co	Otsego	Gas, coke and tar	9	....	9	....	1911
Aug. 30	Andrus, W. G	Otsego	Auto repairing	3	....	3	....	1909
Aug. 29	Angle Steel Stool Co	Otsego	Stools	6	....	6	....	1910
Aug. 29	Au Sable Electric Co	Otsego	Light and power	1	....	1	....	1902
Aug. 29	Au Sable Electric Co	Otsego	Light and power	1	....	1	....	1903
Aug. 28	Babcock Tissue Paper Co., The	Otsego	Paper	53	8	61	....	1906
Aug. 29	Bardeen Paper Co	Otsego	Paper	213	41	254	....	1887
Aug. 28	Button, E. L	Otsego	Shoe repairing	2	....	2	....	1909
Aug. 29	Dann, W. C	Otsego	Feed	1	1	2	....	1908
Aug. 29	Eady Shoe Co., The	Otsego	Shoes	69	71	140	....	1903
Aug. 28	Mac Sim Bar Paper Co	Otsego	Box board	199	3	202	....	1905
Aug. 30	Miller, E. R	Otsego	Auto repairing	3	....	3	....	1909
Aug. 28	Otsego Coated Paper Co	Otsego	Paper	99	12	111	....	1905
Aug. 28	Otsego Creamery Co	Otsego	Dairy products	1	....	1	....	1902
Aug. 28	Otsego Laundry	Otsego	Laundry	2	3	5	....	1904
Aug. 28	Otsego Union, The	Otsego	Printed matter	3	2	5	....	1864
Aug. 29	Otsego Water Works	Otsego	Water	1	....	1	....	1888
Aug. 30	Ross Cabinet Co	Otsego	Filing cabinets	29	1	30	....	1912
Aug. 29	Siple, G. H. & Co	Otsego	Lumber and coke	3	4	7	....	1898
Sept. 12	Hoffman, John & Son	Overisel	Feed	2	....	2	....	1902
Sept. 12	Overisel Creamery Co	Overisel	Dairy products	2	....	2	....	1896
Sept. 10	Freestone Pickle Co	Pearl	Pickles	2	....	2	....	1902
Sept. 10	Pearl Creamery Co., The	Pearl	Dairy products	2	....	2	....	1903
Sept. 2	Eesley, J. F. Milling Co	Plainwell	Flour and feed	10	....	10	....	1887
Sept. 2	Eesley Light & Power Co	Plainwell	Light and power	4	....	4	....	1905

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Factory Inspection.—Continued.

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	ALLEGAN CO.—*Con.*							
Sept. 3	Harwood, F. A. & Co	Plainwell	Produce	4	19	23	....	1870
Sept. 2	Klein's P. Planing Mill	Plainwell	Lumber	1	....	1	....	1912
Sept. 3	Michigan Paper Co., The	Plainwell	Paper	193	81	274	....	1887
Sept. 3	Plainwell Enterprise	Plainwell	Printed matter	2	1	3	....	1887
Sept. 10	Freestone Pickle Co., The	Pullman	Pickles	4	....	4	....	1912
Sept. 10	Wellman Feed Mill	Pullman	Feed	2	....	2	....	1912
Sept. 11	Commercial-Record	Saugatuck	Printed matter	2	1	3	....	1902
Sept. 4	Brush Light & Water Plant	Wayland	Light and water	2	....	2	....	1913
Sept. 4	Business Men's Paper Press Co	Wayland	Paper presses	14	1	15	....	1909
Sept. 4	Henderson Milling Co	Wayland	Flour	3	....	3	....	1913
Sept. 4	Hilliards Creamery Co	Wayland	Dairy products	2	....	2	....	1910
Sept. 4	Wayland Globe, The	Wayland	Printed matter	2	....	2	....	1884
Sept. 4	Williams Bros. Co., The	Wayland	Pickles	1	1	2	....	1897
	ALPENA COUNTY.							
Nov. 25	Alee, William	Alpena	Cigars	3	....	3	....	1906
Nov. 29	Alpena Candy Kitchen, The	Alpena	Candy	4	....	4	....	.....
Nov. 26	Alpena Coal Co	Alpena	Coal	4	....	4	....	1907
Nov. 20	Alpena Daily Echo	Alpena	Printed matter	7	7	14	....	1890
Nov. 26	Alpena Excelsior Co	Alpena	Wood, etc	23	1	24	....	1891
Nov. 20	Alpena Electric Light Co	Alpena	Light	7	....	7	....	1910
Nov. 26	Alpena Garage	Alpena	Auto repairing	5	....	5	....	1910
Nov. 22	Alpena Gas Co	Alpena	Gas	6	1	7	....	1883
Nov. 26	Alpena Hardware Co	Alpena	Hardware	6	....	6	....	1906
Dec. 2	Alpena Hide & Fur Co	Alpena	Hides, fur, etc	3	1	4	....	1896
Nov. 22	Alpena Hide & Leather Co	Alpena	Leather	103	....	103	....	1891
Nov. 19	Alpena Industrial Works	Alpena	Mill supplies	28	....	28	....	1898
Nov. 19	Alpena Laundry Co	Alpena	Laundry	3	10	13	....	1898
Nov. 20	Alpena Marble & Granite Co	Alpena	Monuments	8	....	8	....	1886
Nov. 22	Alpena Meat Co	Alpena	Meats	4	....	4	....	1905
Nov. 20	Alpena Metal Culvert Works	Alpena	Culverts	3	....	3	....	1905
Nov. 20	Alpena News Publishing Co	Alpena	Printed matter	11	3	14	....	1909
Nov. 20	Alpena Power Co., The	Alpena	Electricity	8	1	9	....	1910
Nov. 20	Alpena Roller Mills	Alpena	Flour, etc	5	....	5	....	1902
Nov. 22	Alpena Woolen Mills	Alpena	Woolen goods	4	10	14	....	1897
Nov. 22	Alpena Water & Light Department	Alpena	Light and water	3	1	4	....	1905
Nov. 26	Alpern, Morris	Alpena	Fish	3	....	3	....	1894
Nov. 20	Beck Malting & Brewing Co., The	Alpena	Beer	3	....	3	....	1887
Nov. 29	Bedford, M. N. & Co	Alpena	Coal	9	....	9	....	1883
Nov. 24	Beebe, Harry J	Alpena	Auto repairing	5	....	5	....	1908
Nov. 19	Besser Mfg. Co	Alpena	Machinery	24	1	25	....	1905
Nov. 21	Bradford Lumber & Planing Mill Co	Alpena	Lumber	10	....	10	....	1905
Nov. 26	Burston, George	Alpena	Custom clothing	3	1	4	....	1881
Nov. 26	Campbell, W. H	Alpena	Plumbing	11	1	12	....	1885
Nov. 20	Churchill Lumber Co	Alpena	Lumber	84	....	84	....	1903
Dec. 1	Climees Bakery	Alpena	Baked goods	4	2	6	....	1870
Nov. 29	Cohen & Co	Alpena	Custom clothing	4	3	7	....	1873
Nov. 25	Dehring, John Brewing Co	Alpena	Beer	7	....	7	....	1903
Nov. 26	Detroit & Mackinac Ry. Co	Alpena	Car repairing	48	....	48	....	1900
Nov. 26	Douville & Son	Alpena	Baked goods	6	2	8	....	1888
Nov. 21	Duchene, D	Alpena	Meats	3	....	3	....	1901
Nov. 25	Eddy Engineering Co	Alpena	Plumbing	12	....	12	....	1890
Nov. 29	Edwards, C. W	Alpena	Cigars	4	....	4	....	1893
Nov. 22	Fletcher Paper Co	Alpena	Paper	277	8	285	....	1898
Dec. 2	Fletcher Paper Co	Alpena	Pulp	41	....	41	....	1898

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Factory Inspection.—Continued.

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	ALPENA CO.—*Con.*							
Nov. 25	French, W. C.	Alpena	Castings	2	....	2	....	1907
Nov. 29	Garant & Marceau	Alpena	Baked goods	3	1	4	....	1896
Dec. 1	Gavagan & Co	Alpena	Candy, etc	4	3	7	....	1906
Nov. 19	Gebhardt, Morrow & Co	Alpena	Sash, doors, etc	17	1	18	....	1883
Nov. 26	Geddert, Wm. F	Alpena	Cigars	2	....	2	....	1911
Nov. 25	Grand Union Eagle Cigar Co	Alpena	Cigars	6	....	6	1	1912
Nov. 21	Hanson, Andrew	Alpena	Gasoline pumps	6	....	6	....	.....
Nov. 28	Huron Portland Cement Co	Alpena	Cement	319	....	319	....	1907
Nov. 24	Huron Printing Co	Alpena	Job printing	3	1	4	....	1906
Nov. 29	Hutton, S. E	Alpena	Harness	2	....	2	....	1878
Nov. 26	Isackson Bros	Alpena	Hides and wool	4	....	4	....	1909
Nov. 21	Island Mill Lumber Co	Alpena	Lumber	78	....	78	....	1905
Dec. 2	Jaffe & Blumeno	Alpena	Hides and wool	5	....	5	....	1907
Nov. 26	Kositcheck, Ed	Alpena	Harness	4	....	4	....	1890
Dec. 2	Krueger, Albert	Alpena	Meats	3	....	3	....	1903
Nov. 25	Le Roy, D	Alpena	Gasoline engines	3	....	3	....	1905
Dec. 1	Lincoln, I	Alpena	Fish	26	1	27	....	1881
Nov. 29	Mc Harg, R. & Co	Alpena	Implements	5	....	5	....	1893
Nov. 29	McLearn, Mrs. A. M	Alpena	Millinery	.....	2	2	....	1894
Nov. 29	Mac Leaod, Daniel	Alpena	Cigars	5	....	5	....	1911
Nov. 29	Marine Meat Market	Alpena	Meats	3	....	3	....	.....
Dec. 2	Maynard, J. E	Alpena	Plumbing	4	....	4	....	1905
Nov. 28	Michigan Alkali Co	Alpena	Crushed limestone	297	....	297	....	1903
Nov. 10	Michigan Laundry Co	Alpena	Laundry	5	8	13	....	1905
Nov. 20	Michigan Veneer Co	Alpena	Veneer	70	....	70	....	1899
Dec. 1	Millinery Shop, The	Alpena	Millinery	.....	3	3	....	1909
Nov. 21	Moench, C. Sons Co	Alpena	Leather	78	1	79	....	1896
Nov. 24	Neff Bros	Alpena	Lumber, etc	5	....	5	....	1905
Nov. 21	Nicholson, Thos. F	Alpena	Coal	6	1	7	....	1913
Nov. 26	Nilson, Chris	Alpena	Meats	3	....	3	....	1893
Nov. 29	Noffze, Theo	Alpena	Meats	3	....	3	....	1898
Nov. 22	Northern Foundry Co., The	Alpena	Castings	5	....	5	....	1910
Nov. 29	Oliver, Alfred	Alpena	Plumbing	4	1	5	....	1907
Dec. 1	Onaway-Alpena Telephone Co	Alpena	Telephone service	7	15	22	....	.....
Dec. 2	Potter Hardware Co	Alpena	Hardware	7	1	8	....	1845
Nov. 26	Potvin, James	Alpena	Cigars	3	....	3	....	1911
Nov. 19	Richardson Lumber Co	Alpena	Lumber	47	2	49	....	1901
Nov. 20	Rogers Bros	Alpena	Seeds	16	131	147	....	1900
Dec. 2	Saro, Joseph	Alpena	Candy	4	4	8	....	1906
Nov. 19	Sheffuman, A	Alpena	Printed matter	2	....	2	....	1913
Nov. 20	Sioux City Seed & Nursery Co	Alpena	Seeds	5	41	46	....	1905
Nov. 20	Smith, James W	Alpena	Blacksmithing	2	....	2	....	1911
Nov. 29	Smith, Michael	Alpena	Blacksmithing	2	....	2	....	1904
Nov. 26	Stacey, T. G	Alpena	Meats	3	....	3	....	1883
Nov. 22	Standard Oil Co	Alpena	Oils	5	....	5	....	1873
Nov. 26	Steele, Chas. F	Alpena	Auto repairing	6	1	7	....	1898
Nov. 21	Thunder Bay Milling Co	Alpena	Flour and feed	9	....	9	....	1905
Nov. 11	Walker Veneer & Panel Works	Alpena	Veneer	27	1	28	....	1896
Nov. 29	Wesson, E. D	Alpena	Sporting goods	3	....	3	....	1900
Dec. 2	Widdis, Fred G	Alpena	Storage, etc	9	....	9	....	1890
Nov. 26	Young, B. R. Hardware Co	Alpena	Hardware	5	1	6	....	1910
	ANTRIM COUNTY.							
Dec. 15	Alba Custom Mills, The	Alba	Lumber	11	....	11	....	1886
Dec. 15	Alba Review, The	Alba	Printed matter	2	....	2	....	1913
Dec. 15	Anderson Handle & Lumber Co., The	Alba	Lumber, etc	89	....	89	....	1912
Dec. 15	Anderson, J	Alba	Meats	2	....	2	....	1893
Dec. 15	Gaslay Bros	Alba	Flour and feed	3	....	3	....	1909

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	ANTRIM CO.—*Con.*							
Dec. 15	Jones, B. E. Mfg. Co., The	Alba	Handles	21	....	21	....	1912
Dec. 18	Bellaire Farm Produce Co	Bellaire	Farm produce	5	....	5	....	1908
Dec. 18	Bellaire Independent, The	Bellaire	Printed matter	2	....	2	....	1896
Dec. 18	Bellaire Meat Market, The	Bellaire	Meats	2	....	2	....	1893
Dec. 18	Flye, Fred D	Bellaire	Hardware	2	....	2	....	1899
Dec. 18	Hosmer, W. A	Bellaire	Lumber	19	....	19	....	1905
Dec. 18	Hydraulic Power & Light Co	Bellaire	Light and power	5	....	5	....	1906
Dec. 18	Montague, M. G	Bellaire	Meats	2	....	2	....	1906
Dec. 18	Municipal Lighting Plant	Bellaire	Light	3	....	3	....	1900
Dec. 18	Richardi, Henry	Bellaire	Flour and feed	3	....	3	....	1905
Dec. 18	Richardi, Henry	Bellaire	Water	3	....	3	....	1898
Dec. 18	Richards, W. H	Bellaire	Dressed lumber	6	....	6	....	1908
Dec. 16	Bishop, George	Central Lake	Blacksmithing	2	....	2	....	1899
Dec. 16	Central Lake Electric Light Co	Central Lake	Light and power	2	....	2	....	1901
Dec. 17	Central Lake Planing & Saw Mill	Central Lake	Lumber	8	....	8	....	1913
Dec. 13	Central Lake Torch, The	Central Lake	Printed matter	2	1	3	....	1890
Dec. 16	Intermediate Valley Roller Mills, The	Central Lake	Flour and feed	4	....	4	....	1913
Dec. 16	Frost, C. S	Central Lake	Auto repairing	1	....	1	....	1912
Dec. 16	Walker, C. E. & Co	Central Lake	Hardware	2	....	2	....	1900
Jan. 24	Antrim County News	Elk Rapids	Printed matter	2	....	2	....	1910
Jan. 24	Antrim Iron Co	Elk Rapids	Light and power	4	....	4	....	.....
Jan. 24	City Meat Market	Elk Rapids	Meats	2	....	2	....	1910
Jan. 24	Culman & Hahner	Elk Rapids	Baked goods	2	....	2	....	1912
Dec. 17	Elk Electric Co	Elk Rapids	Water and light	4	....	4	....	1880
Dec. 17	Elk Rapids Progress	Elk Rapids	Printed matter	3	1	4	....	1871
Jan. 23	Kramer & Beebe	Elk Rapids	Blacksmithing	2	....	2	....	1910
Jan. 23	Michigan State Telephone Co	Elk Rapids	Telephone service	1	3	4	....	.....
Dec. 17	Powers, O. J	Elk Rapids	Flour and feed	2	....	2	....	1870
Dec. 17	Powers, O. J	Elk Rapids	Lime, cement, etc	4	....	4	....	1900
Jan. 23	White, W. R	Elk Rapids	Hardware	1	....	1	....	1910
Dec. 13	Antrim Iron Co	Mancelona	Pig iron	249	1	250	....	1888
Dec. 13	Antrim Iron Co	Mancelona	Chemicals	199	....	199	....	1888
Dec. 13	Antrim Iron Co	Mancelona	Lumber	185	....	185	....	1888
Dec. 12	Antrim Light & Power Co	Mancelona	Light and power	5	....	5	....	1907
Dec. 15	Davidson, A. J	Mancelona	Custom clothing	2	1	3	....	1898
Dec. 13	Fear, Geo. W. & Son	Mancelona	Feed	3	....	3	....	1913
Dec. 3	Hankey Milling Co	Mancelona	Flour and feed	3	2	5	....	1897
Dec. 12	Mancelona Herald, The	Mancelona	Printed matter	2	....	2	....	1883
Dec. 13	Mancelona Lumber Co., The	Mancelona	Dressed lumber	9	....	9	....	1910
Dec. 15	Mancelona News, The	Mancelona	Printed matter	2	1	3	....	1907
Dec. 12	Mancelona Screen Co., Inc	Mancelona	Screens	29	....	29	....	1906
Dec. 13	Mancelona Water Works	Mancelona	Water	3	....	3	....	1890
Dec. 15	Manons Candy Kitchen	Mancelona	Candy	3	1	4	....	1903
Dec. 15	O'Brien & Brower	Mancelona	Hardware	6	1	7	....	1908
Dec. 13	Swift & Co	Mancelona	Dairy products	1	....	1	....	1907
Dec. 15	Wisler & Co	Mancelona	Hardware	7	1	8	....	1882
	ARENAC COUNTY.							
Oct. 10	Au Gres Elevator Co	Au Gres	Beans and hay	3	....	3	....	1913
Oct. 10	Au Gres Enterprise, The	Au Gres	Printed matter	2	1	3	....	1906
Oct. 10	De Ford, Peter	Au Gres	Fish	2	....	2	....	1893
Oct. 10	Herman & Johnson	Au Gres	Headings	12	....	12	....	1912
Oct. 10	Larry, Wm. A	Au Gres	Building supplies	5	....	5	....	1900
Oct. 10	Mutart, Louis P	Au Gres	Blacksmithing	2	....	2	....	1885
Oct. 10	Willett Fishing Co	Au Gres	Fish	8	....	8	....	1911
Oct. 10	Willett Fishing Co	Au Gres	Lumber	6	....	6	....	1911
Oct. 10	Willett, Louis	Au Gres	Blacksmithing	2	....	2	....	1912
Oct. 10	Beaver, W. P	Omer	Blacksmithing	2	....	2	....	1905

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	ARENAC CO.—*Con.*							
Aug. 8	Henry, D. & Co	Omer	Dairy products	3	....	3	....	1906
Oct. 10	Hunter, Robert	Omer	Blacksmithing	2	....	2	....	1913
Aug. 8	Omer Mill & Elevator Co	Omer	Flour and grain	6	13	19	....	1912
Aug. 8	Omer Progress, The	Omer	Printed matter	2	1	3	....	1896
Sept. 24	Arenac County Independent	Standish	Printed matter	3	2	5	....	1883
Sept. 24	Francis, Smith & Lee	Standish	Produce	3	17	20	....	1910
Sept. 24	Heins, H. J. Co	Standish	Pickles	6	....	6	....	1913
Sept. 4	International Milk Products Co., The	Standish	Dairy products	25	....	25	....	1911
Sept. 24	Ireland's Garage	Standish	Auto repairing	3	....	3	....	1909
Sept. 24	Milne, Thomas	Standish	Lumber	2	....	2	....	1900
Sept. 24	Randall & Kilmer	Standish	Lumber	6	....	6	....	1906
Sept. 24	Standish City Flouring Mills	Standish	Flour	15	1	16	....	1889
Sept. 24	Standish Elevator Co	Standish	Grain, seeds, etc	2	1	3	....	1900
Sept. 24	Standish Lumber & Coal Co., Ltd	Standish	Lumber and coal	2	....	2	....	1913
Oct. 9	Price, B. J	Sterling	Lumber	4	1	5	....	1910
Oct. 9	Scott's, D. M. Creamery	Sterling	Dairy products	3	1	4	....	1912
Oct. 9	Sterling Elevator Co	Sterling	Produce	4	27	31	....	1906
Oct. 9	Treichel, A	Sterling	Blacksmithing	3	....	3	....	1913
Aug. 8	Eymer, Roy P. Lumber Co	Turner	Lumber, lath, etc	3	....	3	....	1909
Aug. 8	Turner Elevator Co	Turner	Hay, grain, etc	2	20	22	....	1907
Aug. 8	Twining Elevator Co	Twining	Grain, hay, etc	4	7	11	....	1912
	BARAGA COUNTY.							
Feb. 5	Pioneer Cigar Factory	Baraga	Cigars	8	2	10	....	1896
Feb. 5	Baraga Journal, The	Baraga	Printed matter	2	....	2	....	1910
Feb. 5	Baraga Light & Water Plant	Baraga	Light and water	2	....	2	....	1912
Feb. 5	Baraga Lumber Co	Baraga	Lumber and lath	7	1	8	....	1900
Feb. 5	Baraga Bakery, The	Baraga	Baked goods	3	....	3	....	1901
Feb. 6	Baraga County Publishing Co., The	L'Anse	Printed matter	4	....	4	....	1880
Feb. 6	Jacobson, Chas	L'Anse	Meats	2	....	2	....	1910
Feb. 6	Boyer, Joseph	L'Anse	Blacksmithing	2	....	2	....	1910
Feb. 6	L'Anse Garage Co	L'Anse	Auto repairing	4	....	4	....	1912
Feb. 6	L'Anse Hydro-Electric Light Plant	L'Anse	Light and water	2	....	2	....	1908
Feb. 6	Butters, Marshall Lumber Co	L'Anse	Lumber	4	....	4	....	1912
Feb. 6	National Pole Co	L'Anse	Poles	10	....	10	....	1902
Feb. 6	Upper Peninsula Farmer, The	L'Anse	Printed matter	4	....	4	....	1913
Feb. 6	Welsh, Emery	L'Anse	Meats	1	....	1	....	1913
Feb. 7	Hebart, Chas. & Sons	Pequaming	Forest products	413	....	413	1	1877
	BARRY COUNTY.							
Sept. 4	Delton Elevator Co	Delton	Grain	2	....	2	....	1906
Sept. 4	Leonard Brick Co	Delton	Brick	10	....	10	....	1909
Sept. 4	Mantel, G. A. & Sons	Delton	Auto repairing	2	....	2	....	1888
Sept. 4	Murdock, J. D. & Co	Delton	Lumber	2	1	3	....	1906
Sept. 3	Cheesebrough, Job	Freeport	Rakes	17	1	18	....	1875
Sept. 3	Cool, J. D. & Sons	Freeport	Light, etc	4	....	4	....	1912
Sept. 3	Cool, James D. & Sons	Freeport	Grain, etc	2	....	2	....	1893
Sept. 3	Curtis, Charles A	Freeport	Building material	7	....	7	....	1888
Sept. 3	Farmers Cooperative Creamery Co., Ltd	Freeport	Dairy products	2	....	2	....	1913
Sept. 3	Fox, Z. F. & Son	Freeport	Lumber, etc	6	....	6	....	1881
Sept. 3	Freeport Herald, The	Freeport	Printed matter	3	1	4	....	1882
Sept. 3	Freeport Milling Co	Freeport	Flour	2	....	2	....	1909
Sept. 3	Nagler, G. J. & Son	Freeport	Produce	1	1	2	....	1906
Aug. 14	Advance Mfg. Co., The	Hastings	Cleaners	5	7	12	....	1911
Aug. 29	Allen, C. W	Hastings	Builders supplies	3	....	3	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	BARRY CO.—*Con.*							
Aug. 13	American Steam Laundry	Hastings	Laundry	4	3	7	....	1901
Aug. 29	Armbruster, J. W	Hastings	Baked goods	6	2	8	1	1906
Aug. 29	Brown, F. A. Co	Hastings	Plumbing	3	....	3	....	1913
Aug. 13	City Steam Laundry	Hastings	Laundry	1	3	4	....	1905
Aug. 13	Consolidated Press & Tool Co	Hastings	Machinery	88	....	88	....	1903
Aug. 29	Crystal Creamery Co	Hastings	Dairy products	7	2	9	....	1912
Aug. 29	Eaton, L. A	Hastings	Feed and coal	3	....	3	....	1893
Aug. 14	Edmond Bros	Hastings	Grain, etc	6	1	7	....	1907
Aug. 29	Fuller, R. C. & Co	Hastings	Lumber	3	....	3	....	1910
Aug. 14	Grand Rapids Book Case & Chair Co.	Hastings	Book cases	167	8	175	....	.....
Aug. 29	Hastings Art Memorial Works	Hastings	Monuments	4	....	4	....	1907
Aug. 14	Hastings Banner, The	Hastings	Printed matter	9	2	11	....	1856
Aug. 14	Hastings Cabinet Co	Hastings	Kitchen cabinets	52	3	55	2	1906
Aug. 13	Hastings City Water Works	Hastings	Water	4	....	4	....	1887
Aug. 29	Hastings Garage Co	Hastings	Auto repairing	3	....	3	....	1913
Aug. 29	Hastings Interior Finish Works	Hastings	Interior finish	2	....	2	....	1910
Aug. 29	Hastings Lumber & Coal Co., The	Hastings	Lumber, etc	13	....	13	....	1903
Aug. 13	Hastings Milling Co	Hastings	Flour and feed	4	....	4	....	1907
Aug. 13	Hastings Printing Co	Hastings	Printed matter	5	....	5	....	1911
Aug. 13	Hastings Table Co	Hastings	Tables	129	5	134	3	1892
Aug. 14	Hastings Wool Boot Co	Hastings	Wool boots	17	1	18	....	1889
Aug. 29	Hinchman, G. L	Hastings	Produce	1	....	1	....	1906
Aug. 29	Hodge, E	Hastings	Hoops	3	....	3	....	1910
Aug. 13	International Seal & Lock Co	Hastings	Car seals	38	70	108	1	1898
Sept. 3	Jones, John L	Hastings	Cigars	1	....	1	....	1907
Aug. 29	Jordon & Steel Mfg. Co., The	Hastings	Steel frames	4	....	4	....	1911
Aug. 29	Lamphere, C. M	Hastings	Electrical supplies	2	....	2	....	1908
Aug. 29	Laubaugh, Arthur	Hastings	Junk	2	....	2	....	1904
Aug. 29	Newton, H. A	Hastings	Feed and cider	1	....	1	....	1893
Aug. 14	Osborn, Chas. H. Co., The	Hastings	Corsets, etc	4	33	37	....	1906
Aug. 29	Reed, M. D. & Son	Hastings	Wagon repairing	2	....	2	....	1908
Aug. 29	Rex Co	Hastings	Upholstering	2	....	2	....	1912
Aug. 29	Rogers, Joseph	Hastings	Dairy products	5	1	6	1	1878
Aug. 29	Rogers & Son	Hastings	Coal and wood	4	....	4	....	1902
Aug. 14	Skinner Garage	Hastings	Auto repairing	3	....	3	....	1912
Aug. 29	Smith Bros., Velte & Co	Hastings	Grain	1	....	1	....	1903
Aug. 29	Sparks, P. S	Hastings	Repairing	1	....	1	....	1910
Aug. 14	Thornapple Gas & Electric Co	Hastings	Gas and electricity	15	....	15	....	1906
Aug. 13	Trim Garage	Hastings	Auto repairing	3	....	3	....	1913
Aug. 13	Waters, Luke	Hastings	Grain	5	....	5	....	1911
Sept. 3	Citizens Telephone Co	Middleville	Telephone service	1	4	5	....	1898
Aug. 15	Globe Knitting Works	Middleville	Knit goods	51	19	70	....	1905
Aug. 15	Middleville Roller Mills	Middleville	Flour	6	1	7	....	1838
Aug. 15	Middleville Roller Mills	Middleville	Dairy products	14	1	15	....	1909
Sept. 3	Middleville Sun, The	Middleville	Printed matter	2	1	3	....	1868
Aug. 12	Bassett Garage	Nashville	Auto repairing	2	....	2	....	1911
Aug. 12	Downing, H. E	Nashville	Lumber	5	....	5	....	1908
Sept. 3	Gongers Garage	Nashville	Auto repairing	2	....	2	....	1909
Sept. 2	Hagerman, N. C	Nashville	Wagon repairing	2	....	2	....	1912
Sept. 2	Keyser, F. L	Nashville	Flour, feed, etc	3	1	4	....	1910
Aug. 12	Lents Table Co	Nashville	Tables	90	....	90	1	1891
Aug. 12	Martins, Barker Co	Nashville	Feed	2	....	2	....	1912
Sept. 2	Michigan Central Railroad Co	Nashville	Water	2	....	2	....	1866
Sept. 2	Nashville Bakery	Nashville	Baked goods	2	2	4	....	1912
Sept. 2	Nashville Creamery Co	Nashville	Dairy products	2	....	2	....	1901
Aug. 12	Nashville Lumber Co	Nashville	Interior finish	2	....	2	....	1903
Aug. 12	Nashville News, The	Nashville	Printed matter	4	1	5	....	1873
Aug. 12	Nashville Steam Laundry	Nashville	Laundry	2	1	3	....	1912
Sept. 2	Nashville Water Works	Nashville	Water	1	....	1	....	1891

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Factory Inspection.—Continued.

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	BARRY CO.—*Con.*							
Sept. 2	Smith, A. M. & Co	Nashville	Farm produce	2	....	2	....	1912
Aug. 12	Taylor, John E	Nashville	Machine repairing	3	....	3	1	1892
Aug. 12	Townsend Bros	Nashville	Feed, etc	3	....	3	....	1903
Sept. 3	Westfield & Fall River Lumber Co	Nashville	Lumber and coal	2	1	3	....	1911
Sept. 4	Smith Bros., Velte & Co	Woodland	Grain, beans, etc	3	....	3	....	1906
Sept. 4	Woodland Creamery Co	Woodland	Dairy products	1	....	1	....	1913
Sept. 4	Woodland News, The	Woodland	Printed matter	2	1	3	....	1888
Sept. 4	Wright, R. L	Woodland	Baked goods	1	2	3	....	1902
	BAY COUNTY.							
Dec. 29	Schmidt, John K	Auburn	Blacksmithing	2	....	2	....	1908
Dec. 29	Auburn Elevator Co	Auburn	Lumber, etc	3	6	9	....	1903
Dec. 29	Nuffer, John	Auburn	Blacksmithing	2	....	2	....	1908
Dec. 29	Clark, G. W	Auburn	Blacksmithing	2	....	2	....	1900
Dec. 30	Detroit & Mackinac Ry. Co	Bangor	Car repairing	16	....	16	....	.....
Dec. 30	Detroit & Mackinac Ry. Co	Bangor	Car repairing	8	....	8	....	.....
Dec. 30	Detroit & Mackinac Ry. Co	Bangor	Car repairing	14	....	14	....	.....
Jan. 19	Ackermann, Justus	Bay City	Custom clothing	7	....	7	....	1895
Sept. 18	Adler, Fred	Bay City	Cigars	8	2	10	....	1879
Aug. 13	Adriance & Schults	Bay City	Blacksmithing	3	....	3	....	1909
July 26	Affleck Electric Co., The	Bay City	Electric supplies	6	1	7	....	1906
July 24	Alert Pipe & Supply Co	Bay City	Mill supplies	16	3	19	....	1903
Sept. 15	American Express Co	Bay City	Express service	17	....	17	....	1841
Jan. 5	American Garment Cleaning Co	Bay City	Cleaning, etc	3	2	5	....	1901
July 16	Amonica Knitting Works	Bay City	Knit goods	2	4	6	....	1912
July 9	Arcadia, The	Bay City	Candies	11	9	20	....	1910
Oct. 3	Arndt, H. F	Bay City	Sheet iron, etc	3	....	3	....	1908
July 24	Arnold, John G	Bay City	Baked goods	9	3	12	....	1856
Jan. 14	Bain, Charles D	Bay City	Plumbing	4	1	5	....	1910
July 24	Ballamy, Arthur R	Bay City	Stamps	3	....	3	....	1902
Sept. 17	Barnett, C. J	Bay City	Tents and awnings	6	3	9	....	1889
Aug. 12	Bartels, C	Bay City	Furniture repairing	5	1	6	....	1897
July 21	Bateson Bros	Bay City	Brooms	7	2	9	....	1893
Sept. 2	Bate & Son	Bay City	Cut stone	5	....	5	....	1897
July 28	Bay City Auto Co	Bay City	Automobiles	8	....	8	....	1902
Sept. 30	Bay City Baking Co	Bay City	Baked goods	16	....	16	....	1905
Aug. 13	Bay City Beef Co	Bay City	Meats	13	1	14	....	1882
Jan. 15	Bay City Beef Co	Bay City	Meats	12	1	13	....	1883
July 7	Bay City Box & Lumber Co	Bay City	Lumber and box shooks	46	1	47	1	1904
July 10	Bay City Brewing Co	Bay City	Beer	33	....	33	....	1884
July 21	Bay City Broom Factory	Bay City	Brooms	7	2	9	....	1893
July 31	Bay City Candy Co	Bay City	Candies	4	1	5	....	1912
July 8	Bay City Cast Stone Block Co	Bay City	Building blocks	8	3	11	....	1907
July 13	Bay City Cold Storage & Produce Co.	Bay City	Provisions	6	....	6	....	1903
Dec. 27	Bay City Construction Co	Bay City	Constructing	12	....	12	....	1909
Sept. 6	Bay City Democrat, The	Bay City	Printed matter	10	3	13	....	1890
Jan. 15	Bay City Dry Goods Co	Bay City	Cloaks	.....	4	4	....	1890
Dec. 31	Bay City Electric Light Dept	Bay City	Light and power	26	2	28	....	.....
Oct. 6	Bay City Gas Co	Bay City	Gas	43	2	45	....	1905
July 15	Bay City Grain Co	Bay City	Flour and feed	6	1	7	....	1909
Dec. 29	Bay City Grocer Co	Bay City	Groceries	30	4	34	....	1906
Sept. 26	Bay City Ice Cream Co	Bay City	Ice cream	3	....	3	....	1911
July 15	Bay City Iron Co	Bay City	Castings	89	....	89	....	1866
July 26	Bay City Laundry Co	Bay City	Laundry	8	28	36	....	1899
July 18	Bay City Milling Co	Bay City	Flour, feed, etc	4	1	5	....	1911

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Factory Inspection.—Continued.

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	BAY CO.—*Con.*							
Aug. 19	Bay City Omnibus Co	Bay City	Passenger service	21	....	21	....	1887
Sept. 15	Bay City Plumbing & Heating Co	Bay City	Plumbing	8	....	8	1	1904
Sept. 11	Bay City Porch Column Co	Bay City	Porch columns	4	....	4	....	1908
Oct. 6	Bay City Power Co	Bay City	Power	17	....	17	1	1903
Sept. 18	Bay City Rug Co., The	Bay City	Rugs	3	....	3	....	1911
July 16	Bay City Sausage Factory	Bay City	Meats	8	3	11	....	1906
July 18	Bay City Tool & Machine Co	Bay City	Machine repairing	8	1	9	....	1909
Sept. 27	Bay City Times Co	Bay City	Printed matter	52	2	54	....	1879
Nov. 7	Bay City Tribune, The	Bay City	Printed matter	58	4	62	....	1868
July 10	Bay City Wood Plaster Co	Bay City	Plaster	2	....	2	....	1907
Sept. 9	Becker, H	Bay City	Produce	5	....	5	....	1908
Sept. 29	Beck Furniture Co	Bay City	Furniture	3	1	4	....	1909
Aug. 14	Belworthy, B	Bay City	Custom clothing	4	3	7	....	1893
Nov. 4	Benson Fish Co., The	Bay City	Fish	12	....	12	....	1913
July 22	Bently, O. A	Bay City	Lumber	6	....	6	....	1910
Jan. 15	Bergevin & Hamme	Bay City	Millinery	.....	4	4	....	1910
Sept. 18	Beutel Pickling & Canning Co	Bay City	Canned goods	31	91	122	2	1902
Sept. 3	Beutel, Robert	Bay City	Fish, coal and ice	15	1	16	....	1856
Aug. 14	Bialy Hdwe. & Supply Co	Bay City	Hardware	13	2	15	....	1880
Sept. 15	Boehm, W. & H	Bay City	Motor cycles	3	....	3	1	1913
July 21	Boehringer Bros	Bay City	Flowers	12	4	16	....	1893
Sept. 8	Bousfield, C. J	Bay City	Auto repairing	5	....	5	....	1913
July 9	Bousfield & Co	Bay City	Tubs and parts	154	29	183	4	1881
July 8	Bradley, Miller & Co	Bay City	Boxes, etc	168	13	181	4	1881
Aug. 1	Bramble, F. H	Bay City	Blacksmithing	2	....	2	....	1895
Aug. 21	Breen, John F	Bay City	Bicycle repairing	4	....	4	....	1900
Jan. 16	Brisbois & Fitzgerald	Bay City	Millinery	.....	3	3	....	1911
July 22	Bromfield & Colvin	Bay City	Feed, beans, etc	16	1	17	....	1910
July 15	Bromfield & Colvin	Bay City	Feed, grain, etc	14	11	25	....	1897
Jan. 8	Brown, Mrs. J	Bay City	Millinery	.....	8	8	....	1893
Aug. 2	Buckeye Brewing Co., The	Bay City	Beer	5	....	5	....	1880
Sept. 26	Bujarski, M	Bay City	Cigars	2	1	3	....	1911
Aug. 12	Burkhart, A	Bay City	Baked goods	2	1	3	....	1912
July 11	Burkhardt, Robert	Bay City	Meats	4	....	4	....	1895
Dec. 27	Campbell, Hugh & Son	Bay City	Cement, etc	55	....	55	....	1890
Aug. 2	Caplan, C. H	Bay City	Custom clothing	1	1	2	....	1912
Sept. 16	Carroll, John	Bay City	Produce	12	1	13	....	1878
Sept. 18	Carson & Rivet	Bay City	Blacksmithing	4	....	4	....	1911
Sept. 25	Cass Avenue Coal Co., The	Bay City	Coal	1	....	1	....	1908
July 24	Central Coal Co	Bay City	Coal, wood, etc	27	1	28	1	1903
July 15	Chatfield Milling Co., The	Bay City	Flour and feed	20	1	21	....	1882
July 23	City Fuel & Supply Co	Bay City	Coal and coke	7	....	7	....	1912
Aug. 16	Clapp Bros	Bay City	Cleaning and pressing	4	....	4	....	1910
Jan. 5	Clark, Mrs. M. V	Bay City	Millinery	.....	7	7	....	1903
July 18	Clute, C. M	Bay City	Coal, coke, etc	12	1	13	....	1903
July 9	Columbia Western Mills	Bay City	Shade rollers	55	63	118	6	1899
Sept. 15	Corey & Nichols	Bay City	Plumbing	11	....	11	....	1885
Aug. 13	Corliss Bread Co	Bay City	Baked goods	7	1	8	....	1913
Aug. 16	Cosendai Dye Works	Bay City	Cleaning and dyeing	2	....	2	....	1877
Aug. 22	Cotters Boat House	Bay City	Boats	3	2	5	....	1906
Aug. 22	Courval & Co	Bay City	Shingles	22	....	22	....	1884
July 23	Cowan, W. A	Bay City	Ice cream	3	1	4	....	1904
Sept. 2	Creamery Package Mfg. Co., The	Bay City	Hoops	17	....	17	....	1898
Sept. 4	Creely Boiler Works	Bay City	Boilers	10	....	10	....	1911
Jan. 13	Croteau, Mrs. E. J	Bay City	Millinery	.....	4	4	....	1897

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Factory Inspection.—Continued.

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	BAY CO.—*Con.*							
July 11	Crystal Ice & Water Co	Bay City	Ice and water	31	2	33	....	1893
Aug. 16	Czapski, Bernard	Bay City	Custom clothing	3	1	4	....	1898
Aug. 19	Daunt Taxicab Co	Bay City	Automobiles	6	....	6	....	1912
July 16	Davidson, James	Bay City	Ship building	43	....	43	1	1875
Dec. 24	Defoe Boat & Motor Works	Bay City	Boats	21	1	22	....	1905
Dec. 27	Detroit, Bay City & Western R. R. Co.	Bay City	Freight	50	1	51	....	1909
Nov. 11	Detroit & Mackinac Ry. Co	Bay City	Passenger service	12	1	13	....	1893
Sept. 5	Dormelly, Ambrose	Bay City	Electrical supplies	3	....	3	....	1911
Sept. 3	Dormer Fish Co., The	Bay City	Fish	12	....	12	....	1908
Sept. 25	Downing, George H	Bay City	Cigars	1	....	1	....	1889
July 10	Dupont, E. I. De Nemours Powder Co.	Bay City	Chemicals	55	1	56	3	1905
Sept. 2	Duprow, Joseph	Bay City	Tin, sheet iron, etc	4	1	5	....	1903
Sept. 9	Edgar, H. A	Bay City	Produce	3	1	4	....	1900
Sept. 29	Eger, R. J	Bay City	Gas generators	3	....	3	....	1892
Sept. 9	Ellsworth & Son	Bay City	Produce	3	....	3	....	1910
Sept. 8	Finlin, E	Bay City	Bicycle repairing	2	....	2	....	1900
Sept. 5	Finn, Fred C	Bay City	Plumbing material	4	....	4	....	1912
Sept. 8	Fish, W. D	Bay City	Painting, etc	8	1	9	....	1903
Aug. 20	First Ward Bakery	Bay City	Baked goods	9	1	10	....	1878
July 9	Foss, E. B. & Co	Bay City	Lumber, boxes, etc	224	1	225	6	1877
Sept. 11	Fox, W. D. & Son	Bay City	Lumber	5	....	5	....	1901
Nov. 6	Franck Chicory Co	Bay City	Chicory	19	1	20	....	1895
Oct. 24	Franck Chicory Co	Bay City	Chicory	28	....	28	....	1899
July 11	Frank Carriage Co., The	Bay City	Carriages, etc	8	1	9	....	1904
July 23	Friend, J. P	Bay City	Plumbing	6	1	7	....	1905
Sept. 8	Funnell, E. W	Bay City	Meats	4	1	5	....	1886
July 19	Furman, L	Bay City	Pumps and cisterns	3	1	4	....	1879
Sept. 15	"F. K." Cigar Co., The	Bay City	Cigars	5	1	6	....	1906
Aug. 14	Galloway Bros. & Co	Bay City	Custom clothing	6	2	8	....	1889
Sept. 2	Gardener, Wm	Bay City	Cement blocks, etc	6	1	7	....	1903
July 10	Garland, M. Co., The	Bay City	Machinery	37	1	38	....	1870
Jan. 15	Geiger, Aimie	Bay City	Millinery	....	2	2	....	1895
July 29	General Vulcanising & Supply House	Bay City	Auto repairing	4	....	4	....	1912
Nov. 3	German-American Sugar Co	Bay City	Sugar	684	16	700	....	1901
Sept. 18	Ginsberg, Lazarus	Bay City	Hides, tallow, etc	5	1	6	....	1913
Jan. 15	Glave, W. L	Bay City	Cigars	1	1	2	....	1902
Jan. 8	Gliniecki, John	Bay City	Blacksmithing	2	....	2	....	1902
Aug. 20	Goddeyne, Frank C	Bay City	Plumbing	10	....	10	....	1893
Jan. 14	Godfrey, Kubach	Bay City	Tinning	2	....	2	....	1909
Aug. 19	Gooden, Charles J	Bay City	Carriage repairing	2	....	2	....	1904
Aug. 19	Grabowsky, E. & Co	Bay City	Hides, wool and fur	3	....	3	....	1899
Dec. 24	Grand Trunk Railway System	Bay City	Freight	35	....	35	....	.....
July 22	Graves, Roy	Bay City	Blacksmithing	2	....	2	....	1913
July 30	Gray, James	Bay City	Job printing	2	....	2	1	1875
Jan. 12	Great Lakes Brass Foundry	Bay City	Castings	3	....	3	....	1900
Jan. 14	Green, Thos	Bay City	Crates	13	....	13	....	1911
July 25	Greenwald's Laundry	Bay City	Laundry	9	25	34	....	1901
July 25	Greenwald's West Side Laundry	Bay City	Laundry	3	7	10	....	1911
July 24	Gregory, C. & J	Bay City	Printed matter	26	6	32	....	1880
Aug. 15	Gregory Farm Seed Co	Bay City	Seeds	5	21	26	....	1910
July 21	Gregory, W	Bay City	Monuments	6	....	6	....	1895
July 30	Grove, W. J	Bay City	Tinning, etc	4	....	4	....	1905
Jan. 7	Gunterman, C. A. & Son	Bay City	Meats	5	....	5	....	1892
July 24	Hahn, B. R. Cigar Mfg. Co	Bay City	Cigars	20	5	25	....	1899
July 23	Haller, F	Bay City	Blacksmithing	2	....	2	....	1898

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Factory Inspection.—Continued.

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	BAY CO.—*Con.*							
July 28	Hall, Joshua	Bay City	Passenger service	5	....	5	....	1904
Jan. 15	Hamirton & Libey	Bay City	Clothing	3	....	3	....	1912
July 24	Hammond, Standish & Co	Bay City	Meats and provisions	12	1	13	....	1859
July 14	Handy Bros	Bay City	Box shooks	201	1	202	65	1892
July 10	Hanson-Ward Veneer Co	Bay City	Veneer, etc	154	14	168	3	1903
Jan. 5	Harmon Studio, The	Bay City	Photographs	2	1	3	....	1875
Sept. 4	Harris, Meyer	Bay City	Junk	5	1	6	....	1883
Nov. 8	Hart, Charles M	Bay City	Roofing	19	....	19	....	1885
July 24	Hartia Bros	Bay City	Job printing	4	....	4	....	1896
Jan. 5	Hawley Dry Goods Co., The	Bay City	Dressmaking	.....	26	26	....	1865
Jan. 5	Hawley Dry Goods Co., The	Bay City	Ladies' tailoring	2	1	3	....	1913
Sept. 4	Helper Bros	Bay City	Junk	12	1	13	....	1901
Sept. 15	Hershey, Frank	Bay City	Hardware	3	....	3	1	1906
Aug. 3	Herts, Fred	Bay City	Meats	3	....	3	....	1885
Jan. 5	Hess, R. M	Bay City	Dressmaking	.....	13	13	....	1905
July 26	Hine, G	Bay City	Meats	4	1	5	....	1866
July 10	Hine Lumber Co	Bay City	Lumber and salt	27	1	28	....	.....
Aug. 21	Hirschfeld, H	Bay City	Junk	3	1	4	....	1897
Nov. 3	Hiscock Bros	Bay City	Cement, etc	10	....	10	....	1903
Aug. 20	Hitchcock, H	Bay City	Board rules	2	....	2	....	1895
Jan. 12	Hitchcock, Mrs. H	Bay City	Millinery	.....	4	4	....	1908
Sept. 26	Hohes & Co	Bay City	Hardware	3	1	4	....	1897
Jan. 18	Holahan's Hat Shop	Bay City	Millinery	.....	9	9	....	1897
Sept. 18	Home Bakery Co	Bay City	Baked goods	2	1	3	....	1907
Aug. 14	Host Shoe Repairing Co	Bay City	Shoe repairing	6	....	6	1	1910
Jan. 16	Houghton, Chas	Bay City	Job printing	1	1	2	....	1903
Jan. 7	Huckins, Mrs. I. S	Bay City	Millinery	.....	5	5	....	1873
July 23	Hughes, F. L	Bay City	Cement blocks	5	....	5	....	1904
July 26	Hurley Bros	Bay City	Printed matter	4	4	8	....	1874
Aug. 19	Hutton Bros	Bay City	Hides, fur, etc	3	....	3	....	1912
Oct. 4	Hyland, Walter A	Bay City	Plumbing	4	....	4	....	1906
July 28	Ideal Plumbing Co., The	Bay City	Plumbing	22	....	22	....	1896
Sept. 1	Industrial Works	Bay City	Cranes, etc	1,387	17	1,404	....	1873
July 21	Irvine, John & Sons	Bay City	Flowers, etc	8	....	8	....	1876
June 9	Jennison Hardware Co., The	Bay City	Hardware	32	1	33	....	1860
July 31	Jereaw, Robert Electric Co	Bay City	Electrical supplies	7	1	8	....	1903
July 11	Kantzler, John & Son	Bay City	Lumber	5	....	5	....	1896
Jan. 9	Karbel, Isadore	Bay City	Custom clothing	3	....	3	....	1913
Jan. 13	Karpus, George W	Bay City	Millinery	1	6	7	....	1900
Jan. 14	Kanunits Motor Boat Works, The	Bay City	Boats	4	....	4	....	1910
Jan. 5	Kaunts, Geo	Bay City	Custom clothing	1	2	3	....	1905
Sept. 2	Kavanaugh, W. P	Bay City	Fish	14	1	15	....	1895
Jan. 5	King, Mrs. M. M. Brown	Bay City	Furs	1	3	4	....	1894
Aug. 13	King Electric Co	Bay City	Electrical supplies	3	1	4	....	1905
Sept. 15	Kinney, Henry	Bay City	Passenger service	3	....	3	1	1913
Sept. 1	Kirchman Bros	Bay City	Candy	8	1	9	....	1903
July 10	Knapp & Scott	Bay City	Lumber, etc	62	1	63	....	1909
July 11	Kneeland-Bigelow Co., The	Bay City	Lumber	80	2	82	....	1901
July 8	Kneeland, Lunden & Bigelow Co	Bay City	Lumber	115	2	117	6	1909
Jan. 9	Koch, Henry G	Bay City	Painting, etc	20	1	21	....	1903
Aug. 14	Koehler, Carl	Bay City	Furs	2	3	5	....	1896
July 11	Kolb Brewing Co	Bay City	Beer	22	....	22	....	1887
Jan. 8	Koscinski Bakery	Bay City	Baked goods	2	1	3	....	1909
Jan. 8	Kowalski Bros	Bay City	Printed matter	2	....	2	....	1910
Jan. 14	Krmeth, Robert	Bay City	Baked goods	1	2	3	....	1897

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	BAY CO.—*Con.*							
Jan. 13	Laderach, Oscar H	Bay City	Tin and sheet iron	2	....	2	....	1908
July 24	Lambert, John P. Co., The	Bay City	Printed matter	7	1	8	....	1891
July 9	Lamont, Matthew	Bay City	Lumber, sash, etc	57	2	59	....	1867
June 5	Lange, Wm. F	Bay City	Cigars	3	....	3	....	1893
Oct. 4	Lang, Frank G	Bay City	Wall paper	3	1	4	....	1907
Aug. 2	Laporte, N. E	Bay City	Blacksmithing	2	....	2	....	1870
Sept. 18	Lardner Plumbing & Heating Co	Bay City	Plumbing	2	1	3	....	1909
Aug. 15	Leeds Woolen Mills	Bay City	Custom clothing	3	....	3	....	1912
Jan. 15	Leeds Woolen Mills	Bay City	Clothing	2	....	2	....	1912
Aug. 15	Lee, Tom Hand Laundry	Bay City	Laundry	2	2	4	....	1903
Jan. 7	Legner, C. H. & Son	Bay City	Coal and wood	4	1	5	....	1911
Sept. 10	Leighton, Jas	Bay City	Produce	8	....	8	....	1888
July 7	Lewis Mfg. Co	Bay City	Lumber, sash, etc	91	....	91	....	1887
July 7	Lewis Mfg. Co	Bay City	Lumber, etc	57	1	58	....	1889
Sept. 29	Lindsay, Wm	Bay City	Blacksmithing	2	....	2	....	1890
Sept. 26	Long, Walter J	Bay City	Cigars	2	1	3	....	1895
Jan. 16	Lounsberry, John	Bay City	Blacksmithing	2	....	2	....	1914
Jan. 5	Lund, Oswald	Bay City	Baked goods	2	2	4	....	1913
Aug. 13	Luts, Fred	Bay City	Painting, etc	16	1	17	....	1900
July 18	Mac Donald Bean Co	Bay City	Beans	8	220	228	....	1911
Aug. 22	McDonald, J. A	Bay City	Woodworking	5	....	5	....	1902
Aug. 19	McIntosh, George	Bay City	Plumbing	3	....	3	....	1905
Sept. 18	McCarthy, P. L	Bay City	Plumbing	4	1	5	....	1905
Sept. 25	McKerlie, D. K	Bay City	Auto repairing	5	1	6	....	1908
July 19	Mac Kinnon Boiler & Machine Co	Bay City	Boilers and machinery	46	1	47	5	1867
July 17	McKnight & Trickey	Bay City	Cement blocks	10	....	10	....	1906
Aug. 19	Mangold, C. & Co	Bay City	Cigars	5	1	6	....	1893
Jan. 7	Mann & Ackermann	Bay City	Plumbing	8	1	9	....	1901
Jan. 7	Manning, Mrs. A. M	Bay City	Millinery	....	5	5	....	1909
Aug. 22	Marande, J	Bay City	Blacksmithing	4	....	4	....	1893
Jan. 16	Margerson, Robert	Bay City	Baked goods	2	1	3	....	1908
July 18	Marine Iron Co	Bay City	Machinery	16	....	16	....	1896
July 21	Marsh & Reuther Floral Co	Bay City	Flowers	3	3	6	....	1908
July 21	Martin, Keith	Bay City	Flowers	18	6	24	....	1910
Aug. 1	Martin's Auto Garage	Bay City	Auto repairing	4	1	5	....	1904
Aug. 12	Maus, L. A	Bay City	Baked goods	3	1	4	....	1888
Aug. 2	Meagher Bros	Bay City	Coal, wood, etc	9	1	10	....	1900
Aug. 22	Meagher, W. J	Bay City	Building supplies	18	....	18	....	1885
Sept. 9	Meisel Cracker & Candy Co	Bay City	Baked goods	6	1	7	....	1905
Jan. 15	Meisel, Herman & Sons	Bay City	Groceries	8	1	9	....	1911
July 23	Meister, R. & Son	Bay City	Machinery	3	1	4	....	1890
July 28	Merkel, Christ	Bay City	Shoe repairing	2	....	2	....	1896
July 7	Mershon-Bacon Co., The	Bay City	Box shooks, etc	60	17	77	34	1907
Aug. 22	Meyer, John W	Bay City	Building supplies	6	....	6	....	1906
Jan. 15	Michaels, C. F	Bay City	Lumber	6	....	6	....	1903
Aug. 16	Michelson, A. M	Bay City	Custom clothing	4	....	4	....	1903
Aug. 15	Michelson, H	Bay City	Custom clothing	2	3	5	....	1900
Dec. 22	Michigan Central R. R. Co	Bay City	Freight	62	....	62	....	1860
Dec. 23	Michigan Central R. R. Co	Bay City	Constructing	97	1	98	....	.....
Jan. 17	Michigan Central R. R. Co	Bay City	Locomotives	337	....	337	....	.....
Oct. 27	Michigan Chemical Co	Bay City	Alcohol	55	1	56	....	1901
Jan. 17	Michigan State Telephone Co	Bay City	Telephone service	24	37	61	....	.....
Oct. 27	Michigan Sugar Co	Bay City	Sugar	481	16	497	....	1899
July 8	Michigan Pipe Co., The	Bay City	Pipes	57	2	59	....	1869
Jan. 7	Miller Auto Co	Bay City	Automobiles	5	1	6	....	1910
Jan. 12	Miller, H	Bay City	Shoe repairing	2	....	2	....	1905
July 29	Mohr Auto Co	Bay City	Automobiles	7	1	8	....	1907
Sept. 10	Moore & Son	Bay City	Builders' supplies	16	1	17	....	1873
Aug. 16	Mueller, Adolph F	Bay City	Custom clothing	7	8	15	....	1896
July 31	Mulholland & Meiselbach	Bay City	Plumbing	6	....	6	....	1905

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	BAY CO.—*Con.*							
Oct. 24	Muller, E. B. & Co	Bay City	Chicory	33	....	33	....	1908
Jan. 8	Murawski, Joseph	Bay City	Shoe repairing	1	1	2	....	1895
Jan. 8	Musial, Mrs	Bay City	Millinery	.....	4	4	....	1909
Aug. 13	National Biscuit Co	Bay City	Baked goods	5	....	5	....	.....
Sept. 5	National Boiler Works	Bay City	Boilers	6	....	6	....	1883
July 8	National Cycle & Mfg. Co	Bay City	Bicycles, etc	127	4	131	....	1892
Dec. 29	National Grocer Co	Bay City	Groceries	32	6	38	....	1904
Sept. 26	Neiman, Wm. L	Bay City	Cigars	1	....	1	....	1883
Aug. 12	Neity, C. G	Bay City	Baked goods	1	1	2	....	1909
Jan. 13	Netzorg's	Bay City	Millinery	.....	5	5	....	1912
Jan. 13	Newcombe, L. L	Bay City	Electrical supplies	5	1	6	....	1912
Jan. 13	New York Baking Co	Bay City	Baked goods	3	2	5	....	1911
Sept. 11	Nickel, Paul	Bay City	Blacksmithing	1	....	1	....	1906
July 7	Nickless, W. H	Bay City	Box shooks	36	1	37	....	1887
Sept. 30	Niedzielski, K. E	Bay City	Furniture	3	....	3	....	1904
Aug. 13	Nolet, Chas	Bay City	Meats	2	1	3	....	1880
July 9	North American Chemical Co., The	Bay City	Chemicals	152	....	152	....	1898
July 31	North American Construction Co	Bay City	Portable houses	26	35	61	....	1904
Sept. 26	Oakland Auto Co	Bay City	Auto repairing	6	....	6	....	1912
Aug. 15	Obey, I. & Son	Bay City	Wines and liquors	5	....	5	....	1868
Aug. 13	Ogemaw Spring Water Co	Bay City	Water	2	2	4	....	1904
July 28	Oswald Auto Co., The	Bay City	Automobiles	3	1	4	....	1909
Jan. 14	Ouelette, W. J	Bay City	Boats	6	....	6	....	1906
Sept. 2	Paragon Refining Co., The	Bay City	Oils	6	1	7	....	1893
Sept. 18	Parrent, William J	Bay City	Cigars	2	1	3	....	1906
Aug. 15	Peninsular Bakery	Bay City	Baked goods	4	1	5	...	1878
Nov. 11	Pere Marquette Railroad Co	Bay City	Freight	39	4	43	....	.....
Dec. 29	Pere Marquette Railroad Co	Bay City	Car repairing	48	6	54	....	.....
Sept. 10	Perkins, A. B. & Co	Bay City	Produce	14	1	15	....	1883
Sept. 18	Petri, Samuel W	Bay City	Job printing	3	....	3	....	1900
July 23	Pflueger, John P	Bay City	Blacksmithing	2	....	2	1	1907
July 14	Phoenix Brewing Co	Bay City	Beer	28	....	28	....	1897
Jan. 14	Pierce-Budd Co	Bay City	Gas engines	17	1	18	....	1909
Sept. 16	Piggott Bros	Bay City	Stoves and furnaces	8	....	8	....	1900
Sept. 18	Piggott, J. C. Sons & Co	Bay City	Boats, etc	1	1	2	....	1891
Aug. 12	Pioneer Boat & Pattern Co	Bay City	Boats	11	2	13	....	1901
Sept. 30	Polski, Sztandar	Bay City	Printed matter	3	3	6	....	1913
Jan. 5	Postal Telegraph-Cable Co	Bay City	Telegraph service	5	1	6	...	1891
Sept. 10	Powers & Kessler	Bay City	Produce	5	1	6	....	1908
Sept. 16	Presley & Layer	Bay City	Farm implements	4	....	4	....	1894
Oct. 4	Proule, Robt. & Son	Bay City	Meats	5	....	5	....	1881
Jan. 7	Randall, Mrs. H	Bay City	Millinery	.....	4	4	....	.....
Sept. 11	Reinhardt, H. C. & Sons	Bay City	Blacksmithing	4	....	4	....	1880
Aug. 22	Revard, Otis	Bay City	Blacksmithing	2	....	2	....	1911
Jan. 13	Reviere, F. J	Bay City	Plumbing	3	....	3	....	1909
Aug. 22	Richards, J. W	Bay City	Ice cream	2	1	3	....	1911
July 7	Richardson Lumber Co	Bay City	Lumber, etc	74	1	75	....	1899
Oct. 4	Ripley, Albert E. Printing Co	Bay City	Job printing	3	2	5	1	1896
Sept. 5	Riverside Iron & Metal Yard	Bay City	Junk	4	....	4	....	1905
Aug. 13	Riverside Truck & Storage Co., The	Bay City	Storage	10	1	11	....	1895
Aug. 2	Rivet, Camille	Bay City	Blacksmithing	2	....	2	....	1873
Sept. 9	Roethke, Wm. Floral Co	Bay City	Flowers	2	1	3	....	1907
Aug. 20	Roeller Foundry Co., The	Bay City	Castings	19	....	19	....	1912
July 10	Ross & Wentworth	Bay City	Lumber and lath	65	1	66	5	1899
July 15	Russell, L. R	Bay City	Mattresses	5	4	9	....	1898

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	BAY CO.—*Con.*							
Sept. 16	Ryan, P. & Son	Bay City	Builders' supplies	73	....	73	....	1878
Oct. 6	Saginaw-Bay City Railway Co	Bay City	Passenger service	182	....	182	....	1904
July 18	Sanbeck & Johnson	Bay City	Windows & door frames	2	....	2	....	1890
July 15	Schepper & Covert	Bay City	Sheet iron	12	1	13	....	1903
Sept. 26	Schneider, John A	Bay City	Cigars	1	1	2	....	1908
Jan. 15	Schramme, Madame	Bay City	Dressmaking	.....	17	17	....	1906
July 21	Schuls, Julius	Bay City	Flowers	3	....	3	....	1898
Sept. 4	Schust Baking Co., The	Bay City	Baked goods	4	1	5	....	1903
Sept. 16	See, Allan Co	Bay City	Furniture	3	....	3	....	1907
Jan. 5	See, John A. Furniture Co	Bay City	Furniture	3	....	3	....	1913
Jan. 5	Seitner Dry Goods Co., The	Bay City	Cloaks	.....	3	3	....	1905
Jan. 5	Sempliner, Bernard	Bay City	Custom clothing	5	5	10	....	1880
Aug. 20	Sempliner, Bernard	Bay City	Custom clothing	4	2	6	....	1903
Jan. 19	Shadin, Michael	Bay City	Tents, sails, etc	2	....	2	....	1895
July 21	Shepherd, D. Floral Co	Bay City	Flowers	2	....	2	....	1893
Jan. 13	Sherman, H. L	Bay City	Clothing	1	1	2	....	1907
July 23	Shillaire, A. M	Bay City	Beer	5	....	5	....	1881
Jan. 13	Singer Sewing Machine Co	Bay City	Sewing machines	8	1	9	....	.....
Aug. 20	Sleight, Wm	Bay City	Baked goods	4	1	5	....	1904
Aug. 20	Smalley-General Co	Bay City	Gas engines	24	1	25	....	1903
Nov. 6	Smalley Paint & Glass Co	Bay City	Paints, oils, etc	3	....	3	....	1908
Jan. 9	Smeer Shoe Repairing Co	Bay City	Shoe repairing	3	....	3	....	1912
Nov. 4	Smith, Chas	Bay City	Cigars	1	....	1	....	1900
July 26	Smith, Ferd H	Bay City	Harness	3	....	3	....	1895
Sept. 26	Smith, T. E	Bay City	Plumbing	3	1	4	....	1893
Aug. 21	Soltysiak, Michael J	Bay City	Custom clothing	1	1	2	....	1907
Sept. 29	South End Ice & Coal Co	Bay City	Ice and coal	10	1	11	....	1898
July 18	St. Laurent Bros	Bay City	Peanuts	6	3	9	....	1904
July 10	Standard Hoop Co	Bay City	Hoops and lumber	111	....	111	5	1886
July 16	Standard Oil Co	Bay City	Oil	12	....	12	....	.....
July 29	Standard Repair Shop	Bay City	Auto repairing	4	....	4	....	1909
Jan. 15	Standard Woolen Co	Bay City	Clothing	2	....	2	....	1910
Aug. 19	Stegmann, Theadore	Bay City	Hides and tallow	3	1	4	....	1907
Sept. 9	Stephen Decorating Co	Bay City	Painting	16	....	16	....	1909
July 21	Sterling, W. C. & Son Co	Bay City	Telegraph poles	12	....	12	....	1900
Aug. 23	Stevens, J. B. & Son	Bay City	Ice cream	7	1	8	....	1903
Sept. 3	Stitcher, Charles E	Bay City	Blacksmithing	2	....	2	....	1911
July 30	Styninger, J. A	Bay City	Plumbing, etc	3	1	4	....	1870
Jan. 13	Sutherland's Home Bakery	Bay City	Baked goods	2	4	6	....	1909
Sept. 26	Swantek, Stanley	Bay City	Meats	2	....	2	....	1913
Jan. 8	Taberski, M. W	Bay City	Baked goods	1	2	3	....	1909
Jan. 7	Taberski, M. W	Bay City	Baked goods	1	2	3	....	1908
Jan. 16	Talberg, H	Bay City	Custom clothing	2	1	3	....	1900
Jan. 14	Tanner & Daily	Bay City	Groceries	26	4	30	....	1892
July 23	Taylor, J. J	Bay City	Custom clothing	4	1	5	....	1903
Sept. 18	Taylor, Wm. & Son	Bay City	Cigars	4	1	5	....	1893
Jan. 13	Telfer, A	Bay City	Harness	2	....	2	....	1908
Jan. 8	Tepoortin, Miss A	Bay City	Millinery	.....	7	7	....	1907
Jan. 13	Thormahlen Bros	Bay City	Fish	8	....	8	....	1896
July 30	Thorn Electric Co	Bay City	Electrical supplies	9	....	9	....	1903
Aug. 16	Thornwaite, W. J. & Son	Bay City	Harness	1	....	1	....	1882
Jan. 5	Tierney, E. & J	Bay City	Sporting goods	4	....	4	....	1895
Aug. 19	Tieton-Morris Motor Co	Bay City	Auto repairing	3	....	3	....	1913
July 11	Toeppner Bros	Bay City	Wagons and trucks	5	....	5	....	1899
Aug. 16	Tommy's Pressing Parlor	Bay City	Cleaning and pressing	10	....	10	....	1904

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Factory Inspection.—Continued.

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	BAY CO.—*Con.*							
Sept. 2	Tossell, J. P.	Bay City	Tin and sheet iron	4	....	4	....	1893
July 26	Union Ice Co.	Bay City	Ice	68	2	70	....	1899
Sept. 15	United States Express Co.	Bay City	Express service	7	....	7	....	1894
Aug. 16	Valley Home Telephone Co.	Bay City	Telephone service	8	27	35	....	1898
Jan. 9	Valley Mantle & Tile Co.	Bay City	Tile	6	....	6	....	1910
Oct. 4	Valley Sheet Metal Works	Bay City	Sheet metal	6	....	6	....	1909
Sept. 15	Valley Stove & Furnace Co.	Bay City	Stoves and furnaces	2	....	2	....	1943
July 29	Valley Vulcanising Works	Bay City	Repairing	3	....	3	....	1911
July 18	Vasold Bros. & Co.	Bay City	Dairy products	13	2	15	....	1903
July 19	Vassar Knitting Mills	Bay City	Knit goods	8	53	61	....	1912
July 14	Vance, E. J. Box Co., The	Bay City	Lumber, box shooks, etc	82	7	89	6	1887
Jan. 5	Vanderwille, C. L.	Bay City	Custom clothing	2	1	3	....	1911
Jan. 13	VanEgmond, C. H.	Bay City	Blacksmithing	3	....	3	....	1888
July 23	Van Poppelen & Munley	Bay City	Cement blocks	12	1	13	....	1907
Sept. 11	Vaughan, Wm. W.	Bay City	Pickles	9	....	9	....	1901
Aug. 22	Vaughan, Wm. W. Co.	Bay City	Tomato pulp	26	8	34	....	1912
July 9	Virginia Equipment Co.	Bay City	Dust guards	8	4	12	4	1913
July 17	Vogel, John C.	Bay City	Cement blocks	8	1	9	....	1907
July 17	Vogtmann, John A.	Bay City	Flour and feed	7	....	7	....	1908
Sept. 29	Wackerly, J. C.	Bay City	Cigars	5	1	6	....	1909
Jan. 5	Wald, Miss	Bay City	Corsets	.....	3	3	....	1907
July 18	Walker, L. H. Creamery	Bay City	Dairy products	4	....	4	....	1901
July 26	Walther, A. & Sons	Bay City	Plumbing	5	....	5	....	1867
Jan. 5	Walther's Department Store	Bay City	Dressmaking	.....	3	3	....	1890
Jan. 5	Walther's Department Store	Bay City	Millinery	.....	5	5	....	1890
Jan. 8	Waltman, Alex.	Bay City	Sheet metals	2	....	2	....	1911
Jan. 9	Wanlees, H. & Son	Bay City	Harness	3	....	3	....	1907
July 28	Warfield & Babcock	Bay City	Passenger service	6	....	6	....	1909
Dec. 31	Water Works Department	Bay City	Water	43	2	45	....	.....
Sept. 26	Watson & Richardson	Bay City	Lumber	10	....	10	....	1909
Aug. 22	Weber, Henry C.	Bay City	Building supplies	80	1	81	1	1885
Sept. 19	Wegener, H.	Bay City	Cigars	1	....	1	....	1876
July 28	Weiler Auto Co.	Bay City	Auto repairing	6	1	7	....	1912
Jan. 5	Wendland, H. G. & Co.	Bay City	Ladies' tailoring	2	1	3	....	1913
Jan. 5	Wendland, H. G. & Co.	Bay City	Dressmaking	.....	11	11	....	1890
July 21	West Bay City Cooperage Co.	Bay City	Cooperage	6	....	6	....	1893
Nov. 4	West Bay City Sugar Co.	Bay City	Sugar	290	4	294	....	1889
Nov. 10	Western Union Telegraph Co.	Bay City	Telegraph service	9	3	12	....	.....
July 29	Whitney, W. E.	Bay City	Copper and sheet metal	4	....	4	....	1892
July 23	Wilhelm, Julius	Bay City	Cigars	6	1	7	....	1882
Jan. 8	Wilkin, S. V.	Bay City	Custom clothing	22	12	54	....	1862
Aug. 14	Wilkin, S. V.	Bay City	Custom clothing	6	4	10	....	1868
July 23	Williams, A. S. & Co.	Bay City	Coal and coke	8	1	9	....	1909
July 21	Williston, G. A. & Son	Bay City	Soft drinks	4	....	4	....	1882
Jan. 5	Witsleben, G. O.	Bay City	Bookbinding	1	1	2	....	1913
July 29	Wolverine Automobile Co.	Bay City	Auto repairing	6	....	6	....	1909
July 14	Wolverine Lumber Co., The	Bay City	Lumber, etc	15	1	16	....	1883
Jan. 8	Wojciechowski Bros.	Bay City	Meats	3	....	3	....	1913
July 9	Woodworking Co., The	Bay City	Skewers	12	10	22	4	1904
July 25	Worlds Star Knitting Co.	Bay City	Knit goods	35	340	375	....	1896
July 31	Wright, A. E.	Bay City	Candies	3	6	9	....	1890
Aug. 21	Wright, G. A.	Bay City	Monuments	2	....	2	....	1904
Sept. 6	Young's Grocery Co., The	Bay City	Baked goods	3	3	6	....	1895
July 10	Young, W. D. & Co.	Bay City	Lumber and flooring	277	3	280	....	1893
July 8	Zagelmeyer Cast Stone Block Mach. Co.	Bay City	Cement block molds	9	3	12	....	1908

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Factory Inspection.—Continued.

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	BAY CO.—*Con.*							
Jan. 8	Zarembe, Mary	Bay City	Millinery	.....	4	4	....	1895
Jan. 8	Ziegler, John Co	Bay City	Upholstering	1	1	2	....	1910
Jan. 8	Zielinski, John	Bay City	Meats	2	....	2	....	1913
Dec. 30	Kipfmiller, Wm	Frankenlust	Blacksmithing	2	....	2	....	1905
Dec. 30	Schwab, Martin	Frankenlust	Dairy products	2	....	2	....	1910
Dec. 30	Schwab, Martin	Frankenlust	Feed, etc	2	....	2	....	1910
Jan. 15	Bay City Dredge Works	Hampton	Machinery	9	....	9	....	1906
Oct. 30	Burton, S. W	Kawkawlin	Blacksmithing	3	....	3	....	1900
Oct. 30	Franck Chicory Co	Kawkawlin	Chicory	24	....	24	....	1910
Oct. 30	McGuiness, J. E	Kawkawlin	Wedges, etc	27	....	27	....	1898
Oct. 22	Amley, Joseph	Linwood	Blacksmithing	2	....	2	....	1890
Oct. 22	Linwood Elevator Co	Linwood	Flour, grain, etc	4	8	12	....	1912
Oct. 22	Linwood Lumber Co	Linwood	Lumber	2	....	2	....	1912
Oct. 22	McCann, Nelson	Linwood	Blacksmithing	2	....	2	....	1913
Oct. 22	Vasold Bros	Linwood	Dairy products	2	....	2	....	1908
Dec. 27	Howell, Geo. F	Linwood	Feed and grain	2	....	2	....	1911
Dec. 27	Schnettler Bros	Munger	Blacksmithing	3	....	3	....	1909
Dec. 27	Schnettler, Otto	Munger	Lumber, etc	4	1	5	....	1900
Oct. 16	Brancheau, A. J	Pinconning	Blacksmithing	2	....	2	....	1912
Oct. 16	Busch, Alec	Pinconning	Blacksmithing	3	....	3	....	1912
Oct. 16	Farmers' Elevator Co	Pinconning	Produce, etc	7	25	32	....	1910
Oct. 16	Franck Chicory Co	Pinconning	Chicory	27	....	27	....	1910
Oct. 16	Klumpp's Store	Pinconning	Meats	5	....	5	....	1900
Oct. 16	Pinconning Baking Co	Pinconning	Baked goods	3	1	4	....	1913
Oct. 16	Pinconning Elevator Co., The	Pinconning	Produce and coal	4	26	30	....	1907
Oct. 16	Pinconning Light & Power Co	Pinconning	Electricity	3	....	3	....	1912
Oct. 16	Pinconning Mfg. Co	Pinconning	Lumber, etc	3	....	3	....	1910
Oct. 16	Pinconning Press	Pinconning	Printed matter	1	....	1	....	1903
Oct. 16	Pinconning Water Works	Pinconning	Water	1	....	1	....	1898
Oct. 16	Turner, C. A	Pinconning	Blacksmithing	2	....	2	....	1902
Oct. 16	Vasold Bros. & Co	Pinconning	Dairy products	2	....	2	....	1910
Oct. 16	Walking, Thomas W	Pinconning	Lumber	2	....	2	....	1910
Oct. 16	Wylie, J. T. & Co	Pinconning	Headings	27	....	27	....	1912
	BENZIE COUNTY.							
Oct. 21	Chase Bros. Lumber Co	Benzonia	Lumber	16	....	16	....	1890
Oct. 21	Dokey, Geo. M. & Son	Beulah	Cider and vinegar	2	....	2	....	1907
Oct. 21	Desmond Charcoal & Chemical Co	Carters	Charcoal, etc	42	....	42	....	1903
Oct. 15	Ann Arbor R. R. Co	Elberta	Car repairing	37	1	38	....	.....
Oct. 15	Armour & Co	Frankfort	Canned goods	42	55	97	10	1909
Oct. 15	Bellows, Elwin H	Frankfort	Lumber and shingles	21	....	21	....	1873
Oct. 15	Benzie County Patriot	Frankfort	Printed matter	3	....	3	....	1896
Oct. 15	Benzie County Power Co., Inc	Frankfort	Electricity	4	1	5	....	1912
Oct. 15	Courville, Julius	Frankfort	Dressed lumber	3	....	3	....	1892
Oct. 16	Frankfort Milling Co	Frankfort	Flour and feed	3	....	3	....	1903
Oct. 15	Frankfort Water Works	Frankfort	Water	2	....	2	....	1890
Oct. 16	Frederick-Sayles Co	Frankfort	Baked goods	7	1	8	....	1909
Oct. 16	Gustafson, John	Frankfort	Custom clothing	2	....	2	....	1910
Oct. 21	Benzie County Leader	Honor	Printed matter	2	1	3	....	1908
Oct. 21	Seymour & Peck Co	Honor	Lumber and veneer	65	....	65	....	1895
Oct. 14	Dixon, E. M. & Co	Thompsonville	Dishes	22	20	42	....	1908
Oct. 14	Pique Handle & Mfg. Co., The	Thompsonville	Handles	95	1	96	....	1903
Oct. 14	Thompsonville Light & Water Works	Thompsonville	Light and water	2	....	2	....	1895
Oct. 14	Thompsonville News, The	Thompsonville	Printed matter	2	1	3	....	1893
Oct. 14	Thompsonville Planing Mill, The	Thompsonville	Dressed lumber	2	....	2	....	1904

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	BERRIEN COUNTY.							
Nov. 7	Baroda City Mills	Baroda	Flour and feed	2	....	2	....	1899
Nov. 7	Brown, S. R.	Baroda	Cement blocks	2	....	2	....	1912
Nov. 7	Squire Dingei Co.	Baroda	Pickles	3	....	3	....	1903
Nov. 4	Pensinger, J. W.	Bellberg	Canned goods	4	12	16	....	1909
May 27	American Laundry Co.	Benton Harbor	Laundry	5	20	25	....	1910
June 4	Anderson-Tully Co.	Benton Harbor	Fruit packages	6	5	11	....	1888
June 2	Baker-Vawter Co.	Benton Harbor	Account forms	176	111	287	2	1903
June 4	Baker-Vawter Co.	Benton Harbor	Filing cabinets	99	....	99	2	1903
May 27	Banner-Register, The	Benton Harbor	Printed matter	3	....	3	....	1888
May 29	Barensten, Wm.	Benton Harbor	Candy	5	10	15	....	1900
May 27	Baushke Bros.	Benton Harbor	Wagons and buggies	7	....	7	....	1870
May 31	Baushke, R. J.	Benton Harbor	Harness	3	....	3	....	1883
May 28	Baute Cement Machinery Mfg. Co.	Benton Harbor	Machinery	3	....	3	....	1879
June 2	Benton Fruit Products Co.	Benton Harbor	Cider, vinegar, etc.	15	2	17	....	1899
May 31	Benton Harbor Cigar Co.	Benton Harbor	Cigars	7	2	9	....	1908
May 28	Benton Harbor Malleable Foundry Co	Benton Harbor	Castings	208	2	210	....	1907
May 29	Benton Harbor-St. Joseph Gas & Fuel Co.	Benton Harbor	Gas	23	4	27	....	1900
May 29	Benton Harbor-St. Joseph Ry. & Light Co.	Benton Harbor	Car repairing	12	....	12	....	1906
June 9	Benton Harbor Sand Co.	Benton Harbor	Sand	5	1	6	....	1907
June 2	Benton Harbor Water Works	Benton Harbor	Water	3	....	3	....	1891
May 29	Blatz, Val. Brewing Co.	Benton Harbor	Beer	4	....	4	....	1892
May 27	Boehm, H. P.	Benton Harbor	Feed	3	....	3	....	1893
May 31	Campbell-Naylor Garment Co.	Benton Harbor	Garments	3	24	27	....	1904
June 7	Colby-Hinkley Co.	Benton Harbor	Fruit packages	84	7	91	2	1868
May 29	Columbian Cigar Co.	Benton Harbor	Cigars	6	5	11	....	1898
May 28	Covel Mfg. Co.	Benton Harbor	Machinery	125	1	126	....	1888
May 28	Crary Machine Works	Benton Harbor	Machinery	12	....	12	....	1912
June 2	Daigneau Laundry Co., The	Benton Harbor	Laundry	7	16	23	....	1891
June 9	Enterprise Laundry Co.	Benton Harbor	Dry cleaning	2	1	3	....	.....
June 9	Godfrey, C. H. & Son	Benton Harbor	Canned goods	9	1	10	....	1885
May 31	Harbor Bond Cigar Co.	Benton Harbor	Cigars	1	1	2	....	1909
May 31	Harley-Davidson Garage	Benton Harbor	Auto repairing	2	....	2	....	1912
May 31	Hyatt, Byron S.	Benton Harbor	Cigars	1	1	2	....	1913
June 3	International Banana Food Co.	Benton Harbor	Food products	3	....	3	....	1908
June 9	Israelite House of David	Benton Harbor	Printed matter	8	6	14	....	1904
June 9	Kinney Cider & Vinegar Co.	Benton Harbor	Cider and vinegar	5	....	5	....	1903
May 29	Laas, R. J. Printing Co.	Benton Harbor	Job printing	4	1	5	....	1911
June 9	Lake Shore Stone Co.	Benton Harbor	Crushed stone	3	....	3	....	1913
May 27	Leader Publishing Co., The	Benton Harbor	Printed matter	17	2	19	....	1912
June 3	Lutes-Sinclair Co.	Benton Harbor	Machinery	23	1	24	....	1912
June 3	Mamer Brick Co., The	Benton Harbor	Brick	20	1	21	....	1912
May 27	Marshall, James	Benton Harbor	Monuments	3	....	3	....	1911
May 27	Messner's Garage	Benton Harbor	Auto repairing	5	1	6	....	1909
May 27	Morrill & Morely Mfg. Co.	Benton Harbor	Spray pumps	7	2	9	1	1891
June 3	News-Palladium, The	Benton Harbor	Printed matter	11	5	16	....	1904
May 31	Ornamental Stamping Works	Benton Harbor	Steel ceilings	4	....	4	....	1910
May 29	Peninsular Lumber Co.	Benton Harbor	Interior finish	27	....	27	....	1903
June 7	Peters-Pitkin Co., The	Benton Harbor	Paint	7	1	8	....	1909
June 2	Preston, W. A.	Benton Harbor	Interior finish	23	....	23	....	1864
May 31	Ricaby & Smith	Benton Harbor	Job printing	5	....	5	....	1897
May 29	Robinson Cider, Vinegar & Pickle Co.	Benton Harbor	Cider and vinegar	10	1	11	....	1891
May 27	Rolfe, P. F.	Benton Harbor	Machinery	2	....	2	....	1911
May 27	Rosback, F. P. Co.	Benton Harbor	Machinery	39	3	42	....	1906
May 27	Rouse, E. E.	Benton Harbor	Ice cream	8	1	9	....	1900
May 28	Rusch, W. H.	Benton Harbor	Feed and grain	3	....	3	....	

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	BERRIEN CO.—*Con.*							
June 3	Saranac Machine Co	Benton Harbor	Machinery	45	2	47	....	1899
May 29	Shane Gaugherty Co., The	Benton Harbor	Valentines	2	7	9	....	1913
June 4	Spencer-Barnes Co., The	Benton Harbor	Furniture	74	3	77	2	1875
May 31	Summerville & Wheaton	Benton Harbor	Wagon repairing	3	....	3	....	1908
June 4	Thayer, Geo. B. & Co	Benton Harbor	Fruit packages	99	6	105	3	1893
May 28	Twin City Creamery Co	Benton Harbor	Ice cream	8	1	9	....	1903
May 28	Twin City Tent & Awning Co	Benton Harbor	Tents and awnings	4	3	7	....	1911
May 29	Union Machine Co	Benton Harbor	Engines	3	1	4	....	1906
May 29	Uno Cigar Co	Benton Harbor	Cigars	3	2	5	....	1904
May 27	Waters, Robert A	Benton Harbor	Auto repairing	5	....	5	....	1903
Oct. 31	Berrien Center Creamery Co	Berrien Center	Dairy products	1	....	1	....	1907
Oct. 31	Goshen Milling Co	Berrien Center	Grain	1	....	1	....	1890
June 27	Berrien Springs Era, The	Berrien Springs	Printed matter	3	....	3	1	1876
June 27	Berrien Springs Roller Mills	Berrien Springs	Flour and feed	2	....	2	....	1907
July 1	Butterfield, B. M. Co	Berrien Springs	Brooms, etc	7	4	11	1	1913
June 27	Godfrey, C. H. & Son	Berrien Springs	Canned goods	5	1	6	....	1912
June 27	Indiana & Michigan Electric Co	Berrien Springs	Light and power	4	....	4	....	1908
June 27	Lackinaw, C. A. & Son	Berrien Springs	Feed	2	....	2	....	1911
Oct. 28	Beistle, Joseph P	Buchanan	Monuments	2	....	2	....	1880
Oct. 28	Berrien County Record, The	Buchanan	Printed matter	4	2	6	....	1867
Oct. 28	Booster Cigar Co	Buchanan	Cigars	4	....	4	2	1911
Oct. 29	Buchanan Cabinet Co	Buchanan	Cabinets	48	1	49	....	1892
Oct. 29	Buchanan Electric Steel Co	Buchanan	Castings	57	2	59	....	1910
Oct. 28	Buchanan Pattern Works	Buchanan	Patterns	8	....	8	....	1912
Oct. 28	Buchanan Water Works	Buchanan	Water	2	....	2	....	1893
Oct. 29	Celfor Tool Co	Buchanan	Drills	139	8	147	....	1903
Oct. 27	Day's Avenue Garage, The	Buchanan	Auto repairing	3	....	3	....	1911
Oct. 29	Indiana & Michigan Electric Co	Buchanan	Electricity	8	1	9	....	1902
Oct. 29	Kelley, G. L	Buchanan	Blocks, etc	5	....	5	....	1912
Oct. 27	Miles & Boyer	Buchanan	Blacksmithing	2	....	2	....	1899
Oct. 29	Model Laundry	Buchanan	Laundry	2	3	5	....	1903
Oct. 28	Niagara Mills	Buchanan	Flour and feed	4	....	4	....	1886
Oct. 28	Pears-East Grain Co., The	Buchanan	Flour and feed	4	1	5	....	1912
Oct. 27	Remington, E. E	Buchanan	Wagon repairing	6	....	6	....	1886
Oct. 27	St. Joseph Valley Creamery Co	Buchanan	Dairy products	3	....	3	....	1901
Oct. 29	Simplex Ladder Co., Inc., The	Buchanan	Ladders	8	....	8	....	1912
Oct. 28	Smith, S. J	Buchanan	Cigars	1	....	1	....	1888
Oct. 28	Zinc Collar Pad Co	Buchanan	Pads	13	4	17	....	1870
Nov. 6	Citizens Creamery Co	Chickanning	Dairy products	1	....	1	....	1908
June 23	Benton Harbor-St. Joe Ry. & Light Co.	Coloma	Electricity	2	....	2	....	1909
June 23	Brown, G. R	Coloma	Feed	2	....	2	....	1908
June 23	Coloma Courier, The	Coloma	Printed matter	3	1	4	....	1885
June 23	Coloma Creamery Association	Coloma	Butter	2	....	2	....	1904
June 23	Coloma Flouring Mills	Coloma	Feed and grain	2	....	2	....	1907
June 23	Coloma Ice Cream Co	Coloma	Ice cream	2	....	2	....	1910
June 23	Sawatski, Gottfried	Coloma	Wagon repairing	3	....	3	....	1885
June 23	Shoup, Chas. A	Coloma	Interior finish	1	....	1	....	1892
June 23	Spielman Bros. Co	Coloma	Cider, vinegar, etc	3	....	3	....	1905
June 23	Thayer, George B. & Co	Coloma	Fruit packages	3	9	12	....	1903
June 26	Benton Harbor-St. Joe Ry. & Light Co.	Eau Claire	Electricity	2	....	2	....	1906
June 26	Berrien County Journal, The	Eau Claire	Printed matter	5	2	7	1	1908
June 26	Eau Claire Basket Co	Eau Claire	Fruit packages	38	6	44	2	1910
June 26	Godfrey, C. H. & Son	Eau Claire	Canned goods	6	12	18	....	1912
June 26	Sharpe, Sanders & Co	Eau Claire	Feed and grain	2	....	2	....	.....
Nov. 7	Galien Concrete Tile Co., The	Galien	Tile and cement blocks	5	....	5	....	1913
Nov. 7	Galien Roller Mills	Galien	Flour and grain	1	....	1	....	1913
Nov. 7	Jacobson, John Condensing Factory	Galien	Dairy products	5	....	5	....	1911
Nov. 7	Reid, Murdock & Co	Galien	Pickles	4	2	6	....	1901
Nov. 6	Bishop Creameries, The	Glendora	Dairy products	1	....	1	....	1897
Nov. 6	Glendora Pickle Co	Glendora	Pickles	7	1	8	....	1909

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Factory Inspection.—Continued.

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	BERRIEN CO.—*Con.*							
Nov. 4	Benton Harbor Produce Co	Millburg	Pickles	3	1	4	....	.....
Nov. 5	Reid, Murdock & Co	New Buffalo	Pickles	8	....	8	....	1896
Nov. 5	Star Creamery, The	New Buffalo	Dairy products	3	1	4	1	1912
Nov. 6	Dexter Creamery Co	New Troy	Cream	1	....	1	....	1910
Nov. 6	New Troy Mills	New Troy	Flour and feed	3	....	3	....	1868
Oct. 21	Acme Belting Co	Niles	Belting	16	1	17	....	1913
Oct. 20	American Wire Fabrics Co	Niles	Wire cloth	41	18	59	....	1910
Oct. 15	Chicago Belting Co., The	Niles	Leather belting	14	1	15	....	1912
Oct. 15	Chicago Belting Co	Niles	Leather specialties	10	7	17	....	1913
July 3	Earl-Storms Co., The	Niles	Specialties	14	....	14	....	1891
July 2	East's Steam Laundry	Niles	Laundry	4	5	9	1	1890
July 3	Eden, Geo. V	Niles	Cigars	4	2	6	....	1900
Oct. 17	French Paper Co	Niles	Paper	192	33	225	....	1905
Oct. 20	Garden City Fan Co	Niles	Fans	63	....	63	....	1879
July 3	Hopkins, A. H	Niles	Feed and grain	2	....	2	....	1913
Oct. 15	Kawneer Mfg. Co	Niles	Metal mouldings	115	7	122	....	1906
Oct. 10	Kompass & Stoll Co., The	Niles	Kitchen cabinets	29	1	30	....	1895
July 2	Mabrey, Jesse	Niles	Cigars	4	1	5	....	1909
Oct. 10	National Leather Mfg. Co	Niles	Belting	152	2	154	....	1907
Oct. 21	National Printing & Engraving Co	Niles	Job printing	101	20	121	....	1900
Oct. 20	National Standard Co	Niles	Auto jacks	24	1	25	....	1913
Oct. 17	Niles Board & Paper Co	Niles	Board and paper	61	1	62	....	1899
July 2	Niles Creamery Co., The	Niles	Butter	2	....	2	....	1904
July 3	Niles Daily Star	Niles	Printed matter	7	5	12	....	1885
July 2	Niles Daily Sun, The	Niles	Printed matter	6	5	11	....	1892
Oct. 17	Niles Electric Light Plant	Niles	Light and water	9	....	9	....	1897
July 2	Niles Garage Co., The	Niles	Auto repairing	3	....	3	....	1904
Oct. 16	Niles Gas Light Co	Niles	Gas	54	1	55	....	1913
Oct. 15	Niles Grain Co., The	Niles	Flour and feed	3	....	3	....	1913
July 2	Niles Steel Tank Co	Niles	Steel tanks	38	2	40	....	1899
Oct. 15	Ready, T. Willard	Niles	Specialties	16	11	27	....	1913
Oct. 9	Reddick, Wm. A	Niles	Harness	19	23	42	....	1880
Oct. 10	Rodger Bros	Niles	Job printing	2	....	2	....	1910
July 3	Sanitary Laundry	Niles	Laundry	3	7	10	....	1907
July 2	Saum, Arthur E	Niles	Auto repairing	2	....	2	....	1912
July 3	Sherer & Co	Niles	Feed and grain	2	....	2	1	1912
Oct. 15	Skalla Furniture Co	Niles	Furniture	15	1	16	....	1866
July 2	Smith, Carmi R	Niles	Building supplies	8	1	9	....	1901
July 3	Welling, A. H	Niles	Furnaces	4	....	4	....	1861
June 16	American Tool Works	St. Joseph	Air rifles	58	7	65	1	1909
June 14	Benton Harbor-St. Joe. Ry. & Light Co	St. Joseph	Electricity	3	....	3	....	1892
June 13	Blanchard, James A. & Co., The	St. Joseph	Spraying materials	4	1	5	....	1889
June 13	Bradford & Co	St. Joseph	Novelties	61	141	202	2	1890
June 12	Central Loose Leaf Co	St. Joseph	Accountant forms	8	6	14	....	1912
June 14	Compound Door Co., The	St. Joseph	Veneer doors	107	1	108	....	1899
June 17	Cooper, Wells & Co	St. Joseph	Hosiery	205	317	522	23	1879
June 13	Daigneau Laundry Co., The	St. Joseph	Laundry	4	10	14	....	1901
June 16	Engberg's Electric & Mechanical Wks.	St. Joseph	Dynamos, etc	39	1	40	....	1900
June 13	Fay Foundry Co., The	St. Joseph	Castings	11	1	12	....	1912
June 13	Fisher Print Shop, The	St. Joseph	Job printing	3	....	3	....	1903
June 18	H. B. Cigar Co., The	St. Joseph	Cigars	4	....	4	....	1904
June 14	Herald Co., The	St. Joseph	Printed matter	7	1	8	....	1859
June 12	King, Ben Cigar Co	St. Joseph	Cigars	9	2	11	....	.....
June 18	Koonts & Troy	St. Joseph	Auto repairing	7	....	7	....	1909
June 12	Kropp, A. F	St. Joseph	Cigars	2	....	2	....	1912
June 12	Marshall, James	St. Joseph	Monuments	9	1	10	....	1899
June 16	Mullen Bros. Paper Co	St. Joseph	Paper specialties	37	4	41	....	1895
June 12	Morse, A. B. & Co	St. Joseph	Job printing	20	8	28	....	1895
June 12	St. Joseph Automobile Co., The	St. Joseph	Auto repairing	5	....	5	....	1912
June 18	St. Joseph Daily Press	St. Joseph	Printed matter	5	2	7	....	1891

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Factory Inspection.—Continued.

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	BERRIEN CO.—*Con.*							
June 12	St. Joseph Iron Works	St. Joseph	Machinery	56	....	56	....	1877
June 18	St. Joseph Water Works	St. Joseph	Light and water	4	....	4	....	1892
Jan. 13	Twin City Milling Co	St. Joseph	Flour and feed	6	1	7	....	1897
June 18	Twin City Steam Boiler Works	St. Joseph	Steam boilers	4	....	4	....	1895
June 16	Upton Machine Co	St. Joseph	Machinery	11	....	11	....	1911
June 16	Wells-Higman Co	St. Joseph	Fruit packages	17	4	21	....	1869
June 13	Williams Bros	St. Joseph	Paper boxes	16	33	49	2	1903
June 16	Wilson, H. O	St. Joseph	Ice cream	6	....	6	....	1901
Nov. 4	Geisler, Henry	Scottdale	Feed	1	....	1	....	1912
Nov. 4	Southern Michigan Railway Co	Scottdale	Electricity	2	....	2	....	1909
Nov. 6	Huffman, W. D. Co	Three Oaks	Pickles	6	....	6	....	1912
Nov. 6	Johnson, Grafton	Three Oaks	Canned goods	59	10	69	....	1913
Nov. 6	Municipal Light & Water Plant	Three Oaks	Light and water	4	....	4	....	1896
Nov. 6	Three Oaks Creamery	Three Oaks	Dairy products	3	....	3	....	1882
Nov. 6	Three Oaks Roller Mills	Three Oaks	Flour and feed	2	....	2	....	1908
Nov. 6	Warren Feather Bone Co., The	Three Oaks	Featherbone	140	144	284	8	1884
June 24	Fruit Belt Canning Co	Watervliet	Canned goods	17	6	23	....	1903
June 24	Rogers, W. B. & L. L	Watervliet	Cement blocks	2	....	2	....	1909
June 24	Smith, F. T. & Son	Watervliet	Ice cream	5	....	5	....	1904
June 24	Sterner, F. M	Watervliet	Flour, feed, etc	2	....	2	....	1895
June 24	Watervliet Creamery Co	Watervliet	Butter	2	....	2	....	1901
June 25	Watervliet Paper Co	Watervliet	Paper	85	20	105	....	1910
June 24	Watervliet Record, The	Watervliet	Printed matter	3	1	4	....	1881
	BRANCH COUNTY.							
Aug. 20	Bronson Journal, The	Bronson	Printed matter	3	....	3	....	1887
Aug. 20	Bronson Milling Co., The	Bronson	Flour	2	....	2	....	1905
Aug. 20	Bronson Steam Laundry	Bronson	Laundry	2	....	2	....	1909
Aug. 20	Freidrich, Wm. H. & Co	Bronson	Lumber	15	1	16	....	1903
July 24	Kipp Foundry	Bronson	Castings	7	....	7	....	1910
July 24	Viset-Conover Co	Bronson	Fixtures	17	....	17	....	1909
July 22	Ball & Son	Coldwater	Sash and doors	9	1	10	....	1866
July 21	Branch Mfg. Co	Coldwater	Dresses	4	17	21	....	1911
July 22	Calkins, B. H. Son & Co	Coldwater	Cooperage	29	....	29	....	1868
July 23	Champion Brass Works	Coldwater	Gas fixtures	25	1	26	....	1905
July 21	Chapman, C. W	Coldwater	Cigars	11	6	17	....	1900
Aug. 19	Clisbe & Fletcher	Coldwater	Ice	12	1	13	....	1900
Aug. 18	Cogshall, Charles D	Coldwater	Plumbing and heating	3	1	4	....	1895
July 21	Coldwater Cigar Box Co	Coldwater	Cigar boxes	5	6	11	....	1884
July 23	Coldwater Cooperage Co	Coldwater	Cooperage	32	....	32	....	1906
Aug. 19	Coldwater Creamery	Coldwater	Dairy products	3	....	3	....	1905
Aug. 18	Coldwater Garage	Coldwater	Auto repairing	8	1	9	....	1911
Aug. 18	Coldwater Gas Light Fuel Co	Coldwater	Gas and coke	11	1	12	....	1895
July 24	Coldwater Light & Water Works	Coldwater	Water and light	23	1	24	....	1890
Aug. 18	Coldwater Monuments Co	Coldwater	Monuments	2	....	2	....	1909
July 21	Coldwater Steam Laundry	Coldwater	Laundry	5	10	15	....	1888
Aug. 18	Conover Engraving & Printing Co	Coldwater	Engraving, etc	6	2	8	....	1882
Aug. 18	Coombs, Wm. A. Milling Co	Coldwater	Flour	29	2	31	....	1898
Aug. 18	Courier, The	Coldwater	Printed matter	5	....	5	1	1883
Aug. 18	French Steam Dye Works	Coldwater	Dyeing and cleaning	3	1	4	....	1912
Aug. 17	Gattsch, J. & Co	Coldwater	Cigars	4	....	4	....	1883
Aug. 18	Hawes Storm Front Co	Coldwater	Buggy fronts	2	....	2	....	1895
July 21	Hellenberg, J. B. Co., The	Coldwater	Sporting goods	20	1	21	....	1870
July 23	Kitchel, S. B	Coldwater	Liniments	2	2	4	....	1880
Aug. 18	Kleindinst, G. E	Coldwater	Job printing	4	2	6	....	1897

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	BRANCH CO.—*Con.*							
Aug. 19	Laura, John F	Coldwater	Boats, etc	2	....	2	....	1904
Aug. 18	Legg Lumber Co	Coldwater	Lumber, lath, etc	4	1	5	....	1901
July 23	Loring, Sanford	Coldwater	Repairing	3	....	3	....	1900
Aug. 19	Mannerow, J. C	Coldwater	Cleaning and dyeing	2	....	2	....	1896
Aug. 18	Mannerow, L. C	Coldwater	Furniture repairing	1	....	1	....	1909
July 24	Mansell & Kappler	Coldwater	Plumbing	3	....	3	....	1905
Aug. 19	Michigan State Public School	Coldwater	State institution	....	....	....	....	....
July 24	National Burial Devise Co	Coldwater	Burial devices	7	1	8	....	1898
Aug. 18	O'Shaughnessy Bros	Coldwater	Cigars	5	....	5	....	1892
Aug. 18	Payne, J. D	Coldwater	Cigars	2	2	4	....	1886
Aug. 18	Pearce, A. E	Coldwater	Cigars	9	1	10	....	1872
Aug. 1	Pollock, S. & Son	Coldwater	Lumber and coal	7	1	8	....	1890
July 21	Pratt Mfg. Co	Coldwater	Furniture	78	1	79	7	1882
July 21	Regal Gasoline Engine Co	Coldwater	Engines	51	2	53	....	1902
July 23	Reporter, The	Coldwater	Printed matter	7	4	11	....	1896
Aug. 18	Rogers, D. P	Coldwater	Bicycle repairing	2	....	2	1	1911
Aug. 18	Root, A. E	Coldwater	Tinning	2	....	2	....	1912
July 24	Sandt, Peter & Co	Coldwater	Plumbing	6	....	6	....	1911
July 24	Sanitary Ice Cream Co	Coldwater	Ice cream	2	1	3	....	1912
Aug. 18	Schmedlen, W. H	Coldwater	Carriages, etc	11	1	12	....	1883
Aug. 19	Smith & Bisbee	Coldwater	Baked goods	5	....	5	....	1910
Aug. 18	Standard Garage, The	Coldwater	Auto repairing	6	....	6	1	1912
July 23	Stokes Mfg. Co	Coldwater	Coat hangers	7	....	7	....	1893
Aug. 18	Sun & Star, The	Coldwater	Printed matter	2	....	2	....	1910
Aug. 18	Swaffield & Hibbard	Coldwater	Iron work	3	....	3	....	1889
Aug. 18	Sweet's Repair Shop	Coldwater	Bicycle repairing	2	....	2	....	1901
July 23	Thurlow, Titus	Coldwater	Castings	10	....	10	....	1854
Aug. 19	Treat, S. I. & Son	Coldwater	Hides, pelts, etc	14	....	14	....	1907
July 31	Union City Light & Water Works	Coldwater	Light and water	3	....	3	....	1893
Aug. 19	Van Aken Bros., No. 1	Coldwater	Passenger service	6	....	6	....	1887
Aug. 19	Van Aken Bros., No. 2	Coldwater	Flowers	9	2	11	....	1896
July 22	Warner, C. D. Co	Coldwater	Medicine	5	4	9	....	1873
July 23	Western Reserve Condensed Milk Co	Coldwater	Milk	9	....	9	....	1911
Aug. 19	Williams, E. H	Coldwater	Cigars	3	1	4	....	1899
July 22	Wolverine Portland Cement Co	Coldwater	Cement	175	4	179	....	1898
Aug. 20	Cortright, M. L	Quincy	Feed, etc	2	....	2	....	1905
Aug. 20	McKenzie Cereal Food & Milling Co	Quincy	Flour, meal and feed	22	....	22	....	1903
Aug. 20	Michals & Son	Quincy	Lumber	2	....	2	....	1913
Aug. 20	Parkinson, Geo. O	Quincy	Cement blocks	2	....	2	....	1905
Aug. 20	Quincy Creamery Co	Quincy	Dairy products	3	....	3	....	1901
Aug. 20	Quincy Electric Light & Water Works	Quincy	Light and water	4	....	4	....	1893
Aug. 20	Quincy Herald	Quincy	Printed matter	3	2	5	....	1878
Aug. 20	Quincy Laundry	Quincy	Laundry	1	1	2	....	1907
Aug. 20	Rawson, L. Huber	Quincy	Auto repairing	2	....	2	....	1912
July 24	Warne-Douglas Co	Quincy	Auto accessories	18	4	22	....	1912
July 22	Wolverine Portland Cement Co	Quincy	Cement	139	....	139	2	1899
July 31	Cox, C. E	Union City	Auto repairing	2	....	2	....	1910
July 31	Peerless Portland Cement Co	Union City	Cement	119	1	120	....	1896
July 31	Peerless Yeast Co	Union City	Yeast	4	2	6	....	1901
July 31	Register-Weekly, The	Union City	Printed matter	6	....	6	....	1869
July 31	Union City Milling Co	Union City	Flour	5	....	5	....	1911
	CALHOUN COUNTY.							
Sept. 11	Albion Chemical Works	Albion	Chemicals	2	1	3	....	1912
Sept. 10	Albion Gas Light Co., The	Albion	Gas and coke	9	1	10	....	1895
Sept. 10	Albion Garage, The	Albion	Auto repairing	5	1	6	....	1910
Sept. 11	Albion Iron & Metal Co	Albion	Junk	3	1	4	....	1911
Sept. 10	Albion Leader, The	Albion	Printed matter	2	....	2	....	1896

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CALHOUN CO.—*Con.*							
Sept. 10	Albion Lumber Co., Inc	Albion	Lumber	18	....	18	....	1904
Sept. 11	Albion Malleable Iron Co	Albion	Castings	455	30	485	....	1889
Sept. 10	Albion Milling Co	Albion	Flour and feed	3	....	3	....	1906
Sept. 10	Albion Water Works	Albion	Water	2	....	2	....	1883
Sept. 10	Amsden & Campbell	Albion	Flour and feed	2	....	2	....	1891
Sept 10	Avery, Fred A	Albion	Cleaning and pressing	1	1	2	....	1908
Sept 11	Ball, H. L	Albion	Sheet metal	2	....	2	....	1913
Sept. 10	Banner Laundry, The	Albion	Laundry	3	10	13	....	1900
Sept. 10	Barry, Geo. F	Albion	Monuments	1	....	1	....	1898
Sept. 10	Behling Bros	Albion	Cigars	5	....	5	1	1907
Sept. 10	Baader, A. J. & Co	Albion	Cigars	6	3	9	....	1906
Sept. 11	Brown & Porr	Albion	Plumbing	4	1	5	....	1911
Sept. 10	Commonwealth Power Co	Albion	Electricity	3	1	4	....	.....
July 14	Cook-Kneeland Co	Albion	Engines	9	1	10	....	1913
Sept. 11	Crosier, W. H	Albion	Electrical supplies	1	....	1	....	1907
July 14	Gale Mfg. Co	Albion	Farm implements	237	12	249	....	1853
Sept. 10	Gibbs & Sanders	Albion	Wood and coal	7	....	7	....	1900
Sept. 10	Griffin, E. W	Albion	Tire repairing	1	....	1	....	1912
Sept. 11	Hahn's Shoe Hospital	Albion	Shoe repairing	2	....	2	....	1907
Sept. 10	Hambleton & Sponable	Albion	Meats	3	....	3	....	1913
July 14	Hayes Wheel Co	Albion	Wheel parts	73	1	74	....	1912
Sept. 10	McAuliffe, D. M	Albion	Farm implements	4	....	4	....	1899
Sept. 10	McDougal, Louis C	Albion	Flour and feed	3	....	3	....	1907
Sept. 10	Main Street Garage	Albion	Auto repairing	2	....	2	....	1913
Sept. 11	Michigan State Telephone Co	Albion	Telephone service	3	12	15	....	.....
Sept. 12	Michigan United Traction Co	Albion	Car repairing	125	1	126	....	1902
Sept. 11	Mirror Printing Co., The	Albion	Job printing	5	12	17	....	1857
Sept. 10	Model Laundry	Albion	Laundry	3	6	9	....	1911
Sept. 10	Mollica, A. F	Albion	Custom clothing	1	3	4	....	1898
Sept. 11	Monarch Cigar Co	Albion	Cigars	4	2	6	....	1905
Sept. 10	Mounteer, E. M	Albion	Baked goods	8	2	10	....	1900
July 14	National Spring & Wire Co	Albion	Cushion springs	44	1	45	3	.....
July 14	Nixon-Glaseroff	Albion	Castings	2	....	2	....	1912
Sept. 10	North Side Bakery	Albion	Baked goods	3	2	5	....	1906
Sept. 11	Nowlin, Frank E. Co., Ltd	Albion	Feed and grain	8	....	8	...	1913
Sept. 10	Oakley & Fahrion	Albion	Plumbing	5	....	5	....	1909
Sept. 10	Recorder Press Co., The	Albion	Printed matter	4	6	10	....	1868
Sept. 10	Richards, J. A	Albion	Job printing	1	2	3	....	1906
Sept. 10	Richards, J. A., Co	Albion	Multiform outfits	3	....	3	....	1912
Sept. 8	Sebastian & Son	Albion	Monuments	3	....	3	....	1900
Sept. 10	Smith & Lathwell	Albion	Custom clothing	8	3	11	....	1908
July 14	Union Steel Screen Co., The	Albion	Oven racks, etc	126	10	136	7	1903
Sept. 10	Wells, J. D	Albion	Upholstering	1	....	1	....	1913
Aug. 1	Athens Creamery Co	Athens	Dairy products	3	....	3	1	1908
Aug. 1	Athens Mill & Power Co	Athens	Flour and light	3	....	3	....	1910
Aug. 1	Athens Times, The	Athens	Printed matter	2	....	2	....	1883
Oct. 27	Athens Water Works	Athens	Water	1	....	1	....	1906
Oct. 27	Glaser, Beatrice	Athens	Millinery	.....	2	2	....	1909
Oct. 27	Lehr, S. W	Athens	Grain	2	....	2	....	1902
Oct. 27	Simons, P. I	Athens	Grain and seed	2	....	2	...	1897
Oct. 27	Wilber, F. B	Athens	Cigars	1	....	1	....	1889
Oct. 27	Wilson, W. A	Athens	Auto repairing	1	....	1	....	1908
Oct. 27	Wood & Woodruff	Athens	Lumber	8	....	8	....	1903
Oct. 2	Abbott, O. B	Battle Creek	Cigars	5	2	7	....	1911
Oct. 6	Advance Pump & Compressor Co	Battle Creek	Steam pumps	37	2	39	....	1902

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CALHOUN CO.—*Con.*							
Sept. 18	American Column Co., Ltd	Battle Creek	Porch columns	21	1	22	....	1902
Oct. 8	American Mfg. Co., The	Battle Creek	Tags	4	2	6	....	1885
Oct. 7	American Motor Co	Battle Creek	Auto repairing	8	1	9	....	1904
Sept. 18	American Stamping Works	Battle Creek	Stamping	10	2	12	....	1911
Oct. 7	American Steam Pump Co	Battle Creek	Pumps	248	1	249	....	1873
Oct. 4	Anheuser-Busch Brewing Association	Battle Creek	Beer	4	1	5	....	1892
Sept. 19	Arnold Milling Co	Battle Creek	Flour and feed	5	....	5	....	1903
Oct. 14	Ashford, Josephine	Battle Creek	Millinery	.....	4	4	....	1905
Sept. 24	Au Sable Electric Co	Battle Creek	Electricity	26	....	26	....	1913
Sept. 24	Au Sable Electric Co	Battle Creek	Electricity	2	....	2	....	.....
Sept. 25	Au Sable Electric Co	Battle Creek	Heating and lighting	5	....	5	....	1913
Sept. 18	Au Sable Electric Co	Battle Creek	Electricity	9	....	9	....	1910
Oct. 21	Baldwin, A. F	Battle Creek	Millinery	.....	5	5	....	1913
Sept. 18	Battle Creek Box Co	Battle Creek	Boxes	13	....	13	....	1907
Sept. 29	Battle Creek Brewing Co., The	Battle Creek	Beer	15	1	16	....	1900
Oct. 7	Battle Creek Daily Journal	Battle Creek	Printed matter	20	5	25	....	1851
Oct. 2	Battle Creek Furnace & Roofing Co	Battle Creek	Furnaces	3	....	3	....	1899
Sept. 23	Battle Creek Gas Co	Battle Creek	Gas and coke	116	10	126	....	1870
Oct. 11	Battle Creek Ice Cream Co	Battle Creek	Ice cream	3	2	5	....	1906
Sept. 26	Battle Creek Lumber Co	Battle Creek	Lumber	12	....	12	....	1902
Oct. 11	Battle Creek Paper Co., Ltd	Battle Creek	Paper boxes	201	88	289	....	1899
Oct. 14	Battle Creek Poster Advertising Co	Battle Creek	Advertising	2	....	2	....	1901
Oct. 2	Battle Creek Roofing & Mfg. Co	Battle Creek	Roofing	13	....	13	....	1910
Oct. 7	Battle Creek Sales Book Co	Battle Creek	Job printing	2	1	3	....	1910
Sept. 26	Battle Creek Steam Dye & Cleaning Works	Battle Creek	Cleaning and pressing	3	....	3	....	1911
Sept. 24	Battle Creek Storage & Carting Co	Battle Creek	Storage	14	....	14	....	1900
Oct. 12	Battle Creek Sanitarium, The	Battle Creek	Electrical supplies	13	....	13	....	1898
Oct. 12	Battle Creek Sanitarium, The	Battle Creek	Machine repairing	7	....	7	....	1898
Oct. 12	Battle Creek Sanitarium, The	Battle Creek	Painting and decorating	17	....	17	....	1898
Oct. 12	Battle Creek Sanitarium, The	Battle Creek	Repairing	6	....	6	....	1898
Oct. 12	Battle Creek Sanitarium, The	Battle Creek	Power	20	....	20	....	1898
Oct. 12	Battle Creek Sanitarium, The	Battle Creek	Building material	9	....	9	....	1898
Oct. 12	Battle Creek Sanitarium, The	Battle Creek	Laundry	14	74	88	6	1898
Sept. 24	Battle Creek Taxicab Co	Battle Creek	Passenger service	7	....	7	....	1913
Oct. 15	Battle Creek Water Works	Battle Creek	Water	7	....	7	....	1887
Sept. 30	Barker Bros	Battle Creek	Coal and coke	4	....	4	....	1911
Sept. 19	Bartholomew, A. W	Battle Creek	Builders' supplies	1	....	1	....	1912
Oct. 31	Beattie, Miss Elisabeth	Battle Creek	Dressmaking	.....	4	4	....	1903
Sept. 30	Big Four Printing Ink Co., Inc., The	Battle Creek	Inks	7	1	8	....	1905
Sept. 19	Binder, R. Co	Battle Creek	Meats	18	2	20	....	1913
Oct. 14	Bisbee, A. M	Battle Creek	Hair goods	.....	2	2	....	1913
Oct. 4	Bodine Bros	Battle Creek	Cleaning and pressing	4	1	5	....	1911
Sept. 30	Brindi, H. E	Battle Creek	Baked goods	2	....	2	....	1913
Oct. 11	Bryce, J. C	Battle Creek	Patterns	1	....	1	....	1908
Oct. 10	Boyle, Miss Eva	Battle Creek	Millinery	.....	4	4	....	1913
Oct. 11	Bradley Bros	Battle Creek	Hardware	7	....	7	....	1913
Sept. 23	Brennan, John & Co	Battle Creek	Boilers	33	....	33	....	1883
Oct. 30	Bretz, E. F	Battle Creek	Custom clothing	1	1	2	....	1898
Oct. 11	Brewer, C. R. Lumber Co	Battle Creek	Lumber	8	1	9	....	1908
Oct. 20	Brogan, M	Battle Creek	Art goods	.....	8	8	....	1903
Oct. 7	Brooks Drug Co., The	Battle Creek	Medicines	5	1	6	....	1903
Sept. 19	Buechner Mfg. Co., Ltd	Battle Creek	Metal frames	2	....	2	....	1901
Oct. 7	Buick Motor Co	Battle Creek	Auto repairing	13	1	14	....	1907
Oct. 3	B. C. Pattern Works	Battle Creek	Patterns	2	....	2	....	1893
Oct. 1	Cement Products Co	Battle Creek	Burial vaults	2	....	2	....	1913

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CALHOUN CO.—*Con.*							
Oct. 3	Central Electric Co	Battle Creek	Electrical supplies	19	2	21	....	1903
Oct. 14	Chilson, A. L. Co., The	Battle Creek	Meats	3	1	4	....	1912
Sept. 19	Citizens Electric Co., The	Battle Creek	Light and power	15	....	15	....	1892
Oct. 27	Citizens Telephone Co	Battle Creek	Telephone service	14	7	21	....	1903
Oct. 31	Clock, Mrs. Myra	Battle Creek	Dressmaking	.....	5	5	....	1892
Sept. 27	Clyde, Chas	Battle Creek	Cabinet work	1	....	1	....	1911
Sept. 25	Crane, Guy E	Battle Creek	Harness	2	....	2	....	1904
Sept. 24	Coca-Cola Bottling Co	Battle Creek	Soft drinks	4	1	5	....	1911
Sept. 18	Coggan, S. W	Battle Creek	Flowers	6	2	8	....	1907
Oct. 20	Cole, Levant	Battle Creek	Flowers	10	....	10	....	1888
Oct. 8	Commonwealth Power Co	Battle Creek	Electricity	14	....	14	....	.....
Oct. 6	Consolidated Ice Co., Ltd	Battle Creek	Ice	35	2	37	....	1903
Oct. 1	Crabb, S. B. Candy Co	Battle Creek	Candy	3	....	3	....	1913
Oct. 22	Creed, Fern	Battle Creek	Hair goods	.....	2	2	....	1910
Sept. 27	Crowthers, J. S	Battle Creek	Lumber	2	....	2	....	1908
Oct. 7	Daily & Weekly Moon, The	Battle Creek	Printed matter	16	2	18	....	1878
Sept. 24	Damme & Adams	Battle Creek	Painting	2	....	2	....	1911
Oct. 3	Darlington & Co	Battle Creek	Furnaces	5	1	6	....	1912
Oct. 11	Day, A. H	Battle Creek	Shoe repairing	2	....	2	....	1912
Oct. 11	Day, Ralph L	Battle Creek	Cigars	5	1	6	....	1901
Oct. 31	De Witt Sisters	Battle Creek	Novelties	2	27	29	5	1912
Sept. 23	District Messenger Service	Battle Creek	Messenger service	8	1	9	7	1904
Oct. 27	Dogdom Publishing Co	Battle Creek	Printed matter	1	2	3	....	1900
Oct. 20	Dog Fancier, The	Battle Creek	Printed matter	1	1	2	....	1891
Sept. 26	Donald, Wm. J	Battle Creek	Baked goods	7	1	8	....	1900
Oct. 16	Dowling, Mrs. H. J	Battle Creek	Millinery	.....	5	5	....	1906
Oct. 8	Dowsett, E. J	Battle Creek	Plumbing	4	1	5	....	1909
Sept. 26	Duplex Printing Press Co	Battle Creek	Printing presses	166	1	167	....	1884
Oct. 1	Eastern Electric Co., The	Battle Creek	Electrical supplies	4	....	4	....	1913
Oct. 25	Eaton, Mrs. Barbara	Battle Creek	Dressmaking	.....	3	3	....	1908
Sept. 26	Ederle, C. H. & Co	Battle Creek	Sheet metal	8	....	8	....	1911
Sept. 26	Ederle & Eickman	Battle Creek	Cigars	2	....	2	....	1913
Oct. 30	Ederle, Miss Eva B	Battle Creek	Dressmaking	.....	5	5	....	1899
Oct. 11	Edgerly & Thomas	Battle Creek	Baked goods	3	2	5	....	1913
Oct. 1	Eldred, Willard H	Battle Creek	Harness	9	1	10	....	1896
Oct. 8	Ellis Publishing Co	Battle Creek	Job printing	30	18	48	....	1892
Sept. 30	Emery, F. C	Battle Creek	Cigars	14	7	21	1	1911
Oct. 6	Emmerson Truck Co., The	Battle Creek	Trucking and storage	19	1	20	....	1908
Oct. 14	Evans Hat Shop	Battle Creek	Millinery	.....	6	6	....	1911
Oct. 3	Evening News, The	Battle Creek	Printed matter	19	2	21	....	1911
Oct. 22	Farlin Mfg. Co	Battle Creek	Tents and awnings	2	2	4	....	1905
Sept. 23	Foglesong, J. B. Mfg. Co	Battle Creek	Interior finish	9	1	10	....	1913
Oct. 21	Forster, G. F. Co., The	Battle Creek	Millinery	2	3	5	....	1909
Sept. 18	Franklin Brass Co	Battle Creek	Castings	2	....	2	....	1912
Sept. 18	Franklin Iron & Metal Co	Battle Creek	Junk	7	1	8	....	1910
Oct. 3	Gage Printing Co., Ltd	Battle Creek	Job printing	59	11	70	....	1900
Oct. 2	Galloup, J. O	Battle Creek	Plumbing	5	1	6	....	1883
Sept. 26	Gartner Baking Co	Battle Creek	Baked goods	23	3	26	....	1906
Oct. 8	Gifford, Fred	Battle Creek	Shoe repairing	1	....	1	....	1909
Sept. 19	Gillett-Farra Printing Co	Battle Creek	Job printing	5	1	6	....	1908
Sept. 26	Gillis, C. H. & Sons	Battle Creek	Builders' supplies	38	....	38	....	1901
Oct. 14	Globe Mfg. Co., The	Battle Creek	Air compressors	7	2	9	....	1893
Oct. 3	Godsmark, Durand & Co.	Battle Creek	Provisions	12	4	16	....	1887
Oct. 3	Good Health Publishing Co	Battle Creek	Printed matter	21	12	33	....	1909
Oct. 8	Gorham, T	Battle Creek	Medicine	2	4	6	....	1909
Sept. 30	Grabill Hose Clamp Co	Battle Creek	Hose clamps	4	....	4	....	1910
Oct. 2	Grain Products Co., The	Battle Creek	Cereals	14	11	25	....	1910
Oct. 17	Grand Trunk Railway System	Battle Creek	Car repairing	591	2	593	2	1908
Oct. 16	Grand Trunk Railway System	Battle Creek	Power	196	....	196	....	.....
Oct. 16	Grand Trunk Railway System	Battle Creek	Car repairing	64	....	64	....	.....

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CALHOUN CO.—*Con.*							
Oct. 17	Grand Trunk Railway System	Battle Creek	Supplies	15	3	18	....	.....
Oct. 17	Grand Trunk Railway System	Battle Creek	Packing	40	....	40	....	.....
Oct. 3	Graves & Evans Co	Battle Creek	Candy	4	1	5	....	1908
Oct. 17	Griffin, Stanley	Battle Creek	Bicycle repairing	1	....	1	....	1913
Oct. 6	Groll, George	Battle Creek	Tailoring	4	2	6	....	1896
Sept. 24	Halladay, J. F. & Son	Battle Creek	Provisions	9	2	11	....	1883
Sept. 24	Hall Bros. Co	Battle Creek	Builders' supplies	26	....	26	....	1912
Oct. 17	Halsey & Cooper	Battle Creek	Millinery	.....	4	4	....	1912
Oct. 11	Hanchett, L. J.	Battle Creek	Plumbing	19	1	20	....	1903
Sept. 23	Harris Bros	Battle Creek	Harness	4	....	4	....	1898
Oct. 20	Harris, Mrs. Grace L	Battle Creek	Hair goods	.....	2	2	....	1901
Oct. 14	Heiman, Holly	Battle Creek	Millinery	.....	5	5	....	1911
Sept. 30	Herns Mail Wagon Co	Battle Creek	Wagons	9	....	9	....	1905
Sept. 19	Herrick, J. M. Pattern Works	Battle Creek	Patterns	1	....	1	....	1908
Nov. 1	Heyser Baking Co	Battle Creek	Baked goods	9	....	9	....	1913
Oct. 3	Hooper, E. J	Battle Creek	Upholstering	3	....	3	....	1902
Oct. 2	Hoxie, J	Battle Creek	Cigars	2	1	3	....	1912
Oct. 7	Hubbard & Heffley Co., The	Battle Creek	Plumbing	16	....	16	....	1912
Oct. 11	Huffman, Max A	Battle Creek	Tire repairing	2	....	2	....	1910
Oct. 30	Hulscher, Kathryn	Battle Creek	Hair goods	.....	2	2	....	1904
Oct. 15	Hunter, Miss C. A	Battle Creek	Dressmaking	.....	3	3	....	1908
Sept. 29	Hygienic Food Co	Battle Creek	Cereals	28	41	69	....	1902
Oct. 18	Ideal American Laundry, The	Battle Creek	Laundry	5	14	19	....	1906
Sept. 29	Illinois-Michigan Fibre Box Co	Battle Creek	Fibre boxes	73	1	74	....	1911
Oct. 1	Imperial Dye Works	Battle Creek	Dyeing and cleaning	4	2	6	....	1904
Sept. 19	Jackson Automobile Garage	Battle Creek	Auto repairing	3	1	4	....	1912
Oct. 17	Jacobs, Homer	Battle Creek	Custom clothing	3	1	4	....	1912
Oct. 3	Johnson Automobile Sealer Co., The	Battle Creek	Machinery	5	1	6	....	1910
Sept. 24	Jones & Fitzgerald	Battle Creek	Furnaces	14	....	14	....	1909
Oct. 11	Jones, J. E	Battle Creek	Baked goods	11	1	12	2	1902
Oct. 10	Kellogg Food Co., The	Battle Creek	Cereals	55	57	112	....	1896
Oct. 25	Kellogg, F. J, Co	Battle Creek	Medicine	2	26	28	....	1901
Oct. 15	Kellogg Toasted Corn Flake Co	Battle Creek	Cereals	273	145	418	....	1906
Oct. 8	Keyes-Davis Co., Inc., The	Battle Creek	Metal stampings	5	5	10	....	1901
Sept. 18	King, H. C. Seed Co	Battle Creek	Seeds	6	....	6	....	1910
Oct. 1	King-Saxton Clamp Co	Battle Creek	Hose clamps	3	....	3	....	1912
Oct. 8	Kioseff, George	Battle Creek	Tailoring	3	....	3	....	1908
Sept. 30	Kirkpatrick, W. J	Battle Creek	Coal, coke, etc	6	....	6	....	1901
Oct. 16	Knepp, Gladys E	Battle Creek	Hair goods	.....	2	2	....	1912
Oct. 25	Koop, Miss L. M	Battle Creek	Dressmaking	.....	3	3	....	1908
Oct. 3	Lair, F	Battle Creek	Cement blocks	2	....	2	....	1913
Oct. 20	Lanigan, Miss Mary A	Battle Creek	Dressmaking	.....	3	3	....	1900
Oct. 2	Larkin, W. L	Battle Creek	Beer	7	....	7	....	1898
Oct. 1	La Rose Cleaning Works	Battle Creek	Cleaning and repairing	4	4	8	....	1909
Oct. 1	"Little" Letter Shop, The	Battle Creek	Job printing	3	....	3	....	1912
Oct. 7	Loring Lane Printing Co., The	Battle Creek	Job printing	5	2	7	....	1903
Oct. 7	Lunn, Benjamin F	Battle Creek	Tailoring	2	2	4	....	1913
Oct. 17	McCallum, W. E	Battle Creek	Sheet metal	1	....	1	....	1900
Sept. 18	McKee, J. R. Monument Works	Battle Creek	Monuments	1	....	1	....	1913
Sept. 18	McNaughton, A. J	Battle Creek	Monuments	9	....	9	....	1893
Oct. 17	Maltby Engineering Works	Battle Creek	Auto repairing	2	....	2	....	1911
Oct. 6	Marsh, Wayne D	Battle Creek	Painting	25	....	25	....	1873
Oct. 27	Maximoff, I	Battle Creek	Cleaning and pressing	1	....	1	....	1906
Oct. 2	Merchants Parcel Delivery	Battle Creek	Delivery service	7	....	7	5	1913
Sept. 23	Michigan Carton Co	Battle Creek	Paper cartons	219	17	236	....	1907
Sept. 30	Michigan Metal Products Co	Battle Creek	Metal stamping	6	....	6	....	1912
Sept. 24	Michigan Rug Co., The	Battle Creek	Rugs	8	2	10	....	1894
Oct. 20	Michigan State Telephone Co	Battle Creek	Telephone service	.....	63	63	....	1882
Sept. 22	Michigan United Traction Co	Battle Creek	Passenger service	84	....	84	....	.....
Sept. 24	Michigan United Traction Co	Battle Creek	Car repairing	16	....	16	....	.....

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CALHOUN CO.—*Con.*							
Sept. 24	Michigan United Traction Co	Battle Creek	Passenger service	3	....	3	....	.....
Sept. 24	Michigan United Traction Co	Battle Creek	Engines	35	....	35	....	.....
Oct. 3	Milk Producers Co	Battle Creek	Dairy products	23	....	23	....	1905
Sept. 25	Minty Cigar Co., The	Battle Creek	Cigars	17	6	23	....	1902
Oct. 1	Mittenthal, H. H	Battle Creek	Produce	3	1	4	....	1913
Oct. 17	Moore, D. B	Battle Creek	Millinery	.....	6	6	....	1909
Oct. 7	Model Laundry	Battle Creek	Laundry	6	5	11	....	1901
Sept. 19	Model Shop, The	Battle Creek	Machine repairing	2	....	2	....	1912
Oct. 20	Moores Coa, The	Battle Creek	Millinery	.....	6	6	....	1907
Oct. 11	Morgan & Schaefer	Battle Creek	Coal and feed	7	....	7	....	1911
Oct. 3	Morning Enquirer, The	Battle Creek	Printed matter	23	2	25	....	1895
Oct. 2	Morse, Edward J	Battle Creek	Sheet metal	5	....	5	....	1903
Oct. 11	Murphy, B. F	Battle Creek	Cleaning and pressing	1	1	2	....	1909
Oct. 16	Nichols & Shepherd Co	Battle Creek	Machinery	534	....	534	....	1848
Oct. 17	Nielsen & Butler	Battle Creek	Ladies' tailoring	3	4	7	....	1905
Sept. 30	North & Strong	Battle Creek	Lumber	7	....	7	....	1888
Oct. 22	O'Toole, Miss Margaret	Battle Creek	Millinery	.....	2	2	....	1913
Sept. 19	O. K. Laundry	Battle Creek	Laundry	18	49	67	....	1904
Oct. 4	Palmer, Frank	Battle Creek	Auto supplies	8	1	9	....	1893
Oct. 18	Parker, Frank R	Battle Creek	Fur goods	1	4	5	....	1880
Oct. 18	Peebles, Dr. Institute of Health, Ltd	Battle Creek	Medicine	3	9	12	....	1902
Oct. 7	Peterson, Charles A	Battle Creek	Plumbing	7	....	7	....	1911
Oct. 8	Phoenix Printing Co	Battle Creek	Job printing	5	2	7	....	1905
Oct. 7	Piper, E. J	Battle Creek	Keys	1	....	1	....	1898
Oct. 14	Postal Telegraph Co	Battle Creek	Telegraph service	5	2	7	1	.....
Oct. 14	Postum Cereal Co., Ltd	Battle Creek	Cereals	462	202	664	....	1895
Oct. 15	Quaker Oats Co., The	Battle Creek	Cereals	36	23	59	....	1905
Oct. 10	Quality Shop, The	Battle Creek	Millinery	.....	3	3	....	1912
Sept. 26	Rathbun & Kraft	Battle Creek	Lumber and coal	34	....	34	....	1904
Sept. 24	Raymond & Rice	Battle Creek	Dairy products	13	....	13	....	1913
Oct. 20	Reams, Mrs. E. C	Battle Creek	Millinery	.....	3	3	....	1909
Oct. 1	Red Front Shoe Hospital, The	Battle Creek	Shoe repairing	1	....	1	....	1912
Sept. 30	Redner & Cortright Paper Co	Battle Creek	Grocers supplies	6	2	8	....	1909
Oct. 17	Reliable Cleaners & Dyers, The	Battle Creek	Cleaning and dyeing	3	1	4	....	1913
Sept. 18	Ritchie, Gavin & Sons	Battle Creek	Machine repairing	6	....	6	....	1893
Oct. 1	Rivers & Petrie	Battle Creek	Auto repairing	6	1	7	....	1912
Oct. 14	Roberts, Miss Belle	Battle Creek	Art goods	.....	2	2	....	1907
Sept. 30	Roman Cut Stone & Brick Co., The	Battle Creek	Cement products	4	....	4	....	1906
Oct. 20	Root, F. C	Battle Creek	Decorating	14	1	15	....	1902
Oct. 20	Rumely, M. Co	Battle Creek	Machinery	294	6	300	....	1911
Oct. 3	Sanitarium Equipment Co	Battle Creek	Cabinets	13	5	18	....	1912
Oct. 1	Sanitary Pressing Shop	Battle Creek	Cleaning and pressing	2	....	2	....	1912
Oct. 1	Saxton, E. L	Battle Creek	Bicycle repairing	2	....	2	....	1909
Oct. 16	Schuff, Mary L	Battle Creek	Repairing, etc	.....	1	1	....	1900
Oct. 14	Schuster, Mrs. F. A	Battle Creek	Millinery	.....	4	4	....	1909
Sept. 29	Seator Machine Mfg. Co	Battle Creek	Machinery	8	....	8	....	1912
Sept. 26	Seereiter, Jos	Battle Creek	Cigars	3	1	4	....	1909
Oct. 1	Sherman, H. B. Mfg. Co	Battle Creek	Brass goods	107	27	134	....	1895
Oct. 1	Shouldice Bros	Battle Creek	Sheet metal	9	....	9	....	1905
Oct. 4	Sikorski, J	Battle Creek	Cigars	4	....	4	....	1908
Oct. 6	Smith, J. A. Fuel & Feed Co	Battle Creek	Coal, wood and feed	12	....	12	....	1905
Oct. 8	Smith & Onger	Battle Creek	Tailoring	10	....	10	....	1907
Oct. 14	Snyder, H. V. & Son	Battle Creek	Building supplies	30	....	30	....	1907
Sept. 24	Snyder, R. W	Battle Creek	Extracts	6	1	7	....	1888
Sept. 26	Snyder & Schnau	Battle Creek	Plumbing	9	....	9	....	1904
Sept. 19	Spencer, C. Edward	Battle Creek	Job printing	3	....	3	....	1910
Sept. 19	Spink, Will H	Battle Creek	Cleaning and dyeing	5	2	7	....	1905
Oct. 17	Squier, V. C	Battle Creek	Violins	6	4	10	1	1892
Oct. 18	Standard Oil Co	Battle Creek	Oil and gasoline	6	....	6	....	.....
Oct. 2	Steel, A. L. Mfg. Co., Inc	Battle Creek	Paper balers	7	....	7	....	1913

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Factory Inspection.—Continued.

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	CALHOUN CO.—*Con.*							
Oct. 1	Stevens, Bert B	Battle Creek	Plumbing	20	1	21	....	1903
Sept. 26	Stewart Bros	Battle Creek	Hides, pelts, etc	4	....	4	....	1913
Sept. 25	Stewart Laundry	Battle Creek	Laundry	10	34	44	....	1885
Sept. 29	Stove, A. B. Co	Battle Creek	Gas ranges	124	3	127	....	1909
Sept. 24	Strain, Edward D	Battle Creek	Baked goods	21	....	21	....	1900
Oct. 1	Swanson & Sandberg	Battle Creek	Machinery	2	....	2	....	1913
Oct. 25	Syer Advertising Agency	Battle Creek	Medicines	1	1	2	....	1911
Oct. 15	Talbott, Mrs. Eva	Battle Creek	Millinery	....	5	5	....	1905
Sept. 30	Tanas, Peter V.	Battle Creek	Baked goods	3	....	3	....	1912
Oct. 22	Tavern Power Plant, The	Battle Creek	Power	3	....	3	....	1913
Oct. 1	Taylor Bros. Co	Battle Creek	Candy	46	64	110	1	1903
Sept. 24	Taylor Steam Specialty Co	Battle Creek	Steam specialties	2	....	2	....	1910
Sept. 24	Teeter, Walter E	Battle Creek	Auto repairing	2	....	2	....	1913
Oct. 16	There's A Reason Co., Ltd	Battle Creek	Advertising	8	13	21	....	1903
Oct. 17	Tice, W. E	Battle Creek	Cleaning and repairing	1	1	2	....	1904
Sept. 19	Titus & Hicks	Battle Creek	Flour	7	....	7	....	1853
Oct. 4	Totten, D. B	Battle Creek	Baked goods	6	1	7	....	1901
Sept. 22	Union Steam Pump Co	Battle Creek	Steam pumps	214	6	220	....	1885
Sept. 19	United Motors Co	Battle Creek	Auto repairing	2	....	2	....	1913
Sept. 29	U. S. Pipe Co	Battle Creek	Metal culverts	3	....	3	....	1910
Sept. 18	United States Register Co., Ltd., The	Battle Creek	Registers	31	3	34	....	1901
Sept. 18	United Steel & Wire Co., Inc	Battle Creek	Wire products	16	3	19	....	1909
Oct. 6	Uttenweiler, Carl	Battle Creek	Shoe repairing	2	....	2	....	1894
Oct. 1	Waits Bakery	Battle Creek	Baked goods	2	....	2	....	1912
Sept. 19	Walker Hose Clamp Co., The	Battle Creek	Machine repairing	7	....	7	....	1905
Oct. 20	Wells, C. J	Battle Creek	Millinery	2	7	9	....	1903
Oct. 2	Werstein, L. F	Battle Creek	Beer	5	....	5	....	1896
Oct. 15	Western Union Telegraph Co., The	Battle Creek	Telegraph service	9	2	11	....	.....
Oct. 31	Whalen, Mrs. Ella L	Battle Creek	Dressmaking	.....	3	3	....	1909
Oct. 2	Wheelock, Chas. H	Battle Creek	Roofing	8	....	8	....	1908
Sept. 23	Wolverine Auto-Cycle Co	Battle Creek	Motor cycles	3	....	3	....	1910
Oct. 3	Wolverine Optical Co	Battle Creek	Optical goods	5	....	5	....	1912
Oct. 31	Wood, Mme	Battle Creek	Hair goods	.....	4	4	....	1896
Oct. 4	Wynn & Briegel	Battle Creek	Sporting goods	2	....	2	....	1912
Sept. 30	Young & Wheeler	Battle Creek	Laundry	2	1	3	....	1913
Oct. 20	Zinn, A. K. & Co	Battle Creek	Feed	7	....	7	....	1907
Nov. 3	Au Sable Electric Co	Ceresco	Light and power	3	....	3	....	.....
Sept. 16	Bunnell, Chas. A	Homer	Plumbing	2	....	2	....	1908
Sept. 16	Cortright Milling Co	Homer	Flour	5	....	5	....	1903
Sept. 16	Cosier, W. A	Homer	Cigars	1	....	1	....	1892
Sept. 16	Dorris & Allen	Homer	Lumber and coal	3	....	3	....	1913
Sept. 16	Garlinghouse, A. A. & Son	Homer	Monuments	2	....	2	....	1890
Sept. 16	Hayner, G. H. & Son	Homer	Baked goods	3	1	4	....	1908
Sept. 16	Homer Electric Light & Power Co	Homer	Light and power	2	....	2	....	1902
Sept. 16	Homer Garage & Machine Works	Homer	Auto repairing	3	....	3	....	1912
Sept. 16	Homer Furnace Co., The	Homer	Furnaces	6	....	6	....	1910
Sept. 16	Homer Index, The	Homer	Printed matter	3	....	3	....	1871
Sept. 16	Homer Water Works	Homer	Water	1	....	1	....	1910
Sept. 16	Jackson & Kerr	Homer	Grain	2	....	2	....	1911
Sept. 16	Jackson & Kerr	Homer	Grain	2	....	2	....	1911
Sept. 16	Seeder Mfg. Co., The	Homer	Farm implements	2	....	2	....	1887
July 12	Beckwith, J. C	Marshall	Hay and grain	3	....	3	....	1905
Sept. 8	Bowen, D. E	Marshall	Blacksmithing	2	....	2	....	1902
July 12	Brooks Rupture Appliance Co	Marshall	Surgical appliances	9	29	38	....	1900
Sept. 8	Burton, Mrs. H	Marshall	Baked goods	2	....	2	....	1908
Sept. 8	Calhoun County Infirmary	Marshall	County institution	.....	....	....	....	.....
July 10	Chapman, E. T	Marshall	Cigars	3	....	3	....	1893
Sept. 8	Chesher, C. G	Marshall	Feed	1	....	1	....	1909
July 10	City Steam Laundry	Marshall	Laundry	4	8	12	....	1903
Sept. 8	Commonwealth Power Co	Marshall	Electricity	2	....	2	....	1901

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Factory Inspection.—Continued.

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	CALHOUN CO.—*Con.*							
Sept. 5	Day & Storr	Marshall	Lumber and coal	3	....	3	....	1912
July 12	Eagle Garage	Marshall	Auto repairing	2	....	2	....	1909
Sept. 8	Elsie, A. E	Marshall	Custom clothing	3	2	5	....	1906
July 10	Gauss, C. E	Marshall	Medicine	4	16	20	....	1898
Sept. 8	Halliday, J. H	Marshall	Shoe repairing	2	....	2	....	1912
Sept. 5	Hindenach & Mitchell	Marshall	Blacksmithing	3	....	3	....	1913
Sept. 8	Kraus, Frank	Marshall	Machine repairing	1	....	1	....	1892
Sept. 5	Kuechle, J. C	Marshall	Baked goods	5	....	5	....	1890
July 9	Lambert Machine Co	Marshall	Machinery	15	1	16	....	1896
Sept. 8	Lamb, G. E. & Son	Marshall	Lumber and coal	4	....	4	....	1898
July 12	Marshall City Garage	Marshall	Auto repairing	3	....	3	....	1911
July 12	Marshall City Water & Electric Works	Marshall	Light and water	8	1	9	....	1892
Sept. 5	Marshall Creamery Co	Marshall	Dairy products	2	....	2	....	1901
July 12	Marshall Daily News	Marshall	Printed matter	5	2	7	....	1897
July 12	Marshall Evening Chronicle	Marshall	Printed matter	8	....	8	1	1879
July 9	Marshall Furnace Co	Marshall	Furnaces	106	6	112	2	1880
Sept. 5	Marshall Gas Light Co., The	Marshall	Gas and coke	8	1	9	....	1886
Sept. 5	Marshall Marble & Granite Works	Marshall	Monuments	4	....	4	....	1881
July 12	Marshall Plumbing & Heating Co	Marshall	Plumbing	6	1	7	....	1912
Sept. 8	Marshall Steam Dye Works	Marshall	Cleaning and pressing	1	1	2	....	1909
Sept. 5	Mather, Joe	Marshall	Cigars	1	....	1	....	1907
Sept. 5	Mater & Leyden	Marshall	Plumbing	4	1	5	....	1912
July 12	Merchant, F. W	Marshall	Flour and feed	2	....	2	1	.....
July 10	Michigan Central R. R. Co	Marshall	Car repairing	69	....	69	....	1882
July 12	Moll, John	Marshall	Cigars	2	1	3	....	1909
Sept. 8	Nashville Book Co., Inc	Marshall	Books	3	2	5	....	1905
July 10	Page Bros. Buggy Co	Marshall	Buggies	68	3	71	1	1869
July 10	Peerless Fixture Co	Marshall	Store fixtures	19	1	20	....	1908
Sept. 8	Pyramid Drug Co	Marshall	Medicine	2	6	8	....	1892
Sept. 8	Scribner, A. E. Co	Marshall	Pickles	2	....	2	....	1880
Sept. 5	Simons-Leedle Furnace Co	Marshall	Furnaces	15	1	16	....	1911
Sept. 8	Smyth, John R. Printing Co., The	Marshall	Job printing	8	4	12	....	1908
Sept. 8	Snearly, C. M	Marshall	Meats	3	....	3	....	1908
July 12	Standard Printing Co	Marshall	Job printing	4	1	5	....	1903
Sept. 8	Statesman Co., The	Marshall	Printed matter	4	2	6	....	1839
Sept. 5	Star Bakery	Marshall	Baked goods	3	1	4	....	1910
July 12	Stuart, F. A. Co	Marshall	Medicines	9	7	16	....	1891
July 12	Udell Bros	Marshall	Farm implements	2	....	2	....	.....
Sept. 5	Waidely, W. F	Marshall	Monuments	1	....	1	....	1913
Sept. 5	Wolverine Temperature Regulator Co	Marshall	Thermostats	2	....	2	....	1909
Sept. 17	Keep, E. P	Tekonsha	Lumber and coal	3	....	3	1	1875
Sept. 17	News Printing Co., The	Tekonsha	Printed matter	2	1	3	....	1898
Sept. 17	Randall, A. H. Mill Co	Tekonsha	Flour	8	....	8	....	1905
Sept. 17	Randall, H. N	Tekonsha	Produce	4	....	4	....	1893
Sept. 17	Tekonsha Creamery	Tekonsha	Dairy products	2	....	2	....	1903
	CASS COUNTY.							
Oct. 2	Adamsville Mill	Adamsville	Flour and feed	2	....	2	....	1865
Oct. 1	Cassopolis Creamery Co	Cassopolis	Dairy products	2	....	2	....	1902
Oct. 1	Cassopolis Vigilant, The	Cassopolis	Printed matter	6	1	7	1	1872
Oct. 1	City Steam Laundry	Cassopolis	Laundry	2	2	4	....	1906
Oct. 3	Criswell, C. Leon	Cassopolis	Cigars	1	....	1	....	1911
Oct. 2	Jones Garage, The	Cassopolis	Auto repairing	5	1	6	....	1907
Oct. 2	Kellogg Switch Board & Supply Co	Cassopolis	Switch boards	57	....	57	....	1886
Oct. 1	Lake Front Cider Mill	Cassopolis	Cider, etc	3	2	5	....	1911
Oct. 3	McWheaton & Harrington	Cassopolis	Cigars	4	....	4	....	1911
Oct. 2	Martin & Eckman Lumber & Timber Co	Cassopolis	Lumber, etc	9	....	9	....	1910

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Factory Inspection.—Continued.

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	CASS CO.—*Con.*							
Oct. 1	Milling & Power Co	Cassopolis	Power and heat	4	....	4	....	1901
Oct. 3	National Democrat, The	Cassopolis	Printed matter	2	....	2	....	1857
Oct. 1	Peck Milling & Coal Co., The	Cassopolis	Flour and feed	10	....	10	....	1911
Oct. 2	Rathbun, Henry S	Cassopolis	Repairing	2	....	2	....	1913
Oct. 3	Waldo, S. D	Cassopolis	Cigars	2	....	2	....	1911
Oct. 3	Weldon, W. J	Cassopolis	Brooms	3	....	3	....	1901
Oct. 2	Zeller & Jones	Cassopolis	Auto repairing	4	....	4	....	1913
Sept. 23	Beckwith, P. D. Estate of	Dowagiac	Stoves and furnaces	775	17	792	1	1871
Sept. 25	Buck, Claude	Dowagiac	Cigars	1	....	1	....	1909
Sept. 24	Byers, F. J	Dowagiac	Auto repairing	2	....	2	....	1909
Sept. 24	Cass County Publishing Co	Dowagiac	Printed matter	3	1	4	....	1913
Sept. 24	City Steam Laundry	Dowagiac	Laundry	8	7	15	....	1898
Sept. 24	Colby Milling Co	Dowagiac	Flour and feed	13	....	13	....	1857
Sept. 24	Crown Mills	Dowagiac	Flour and feed	2	....	2	....	1850
Sept. 25	Dool & Murphy	Dowagiac	Interior finish	6	....	6	....	1910
Sept. 25	Dowagiac Creamery & Butter Co	Dowagiac	Dairy products	6	1	7	....	1909
Sept. 24	Dowagiac Daily News, The	Dowagiac	Printed matter	5	6	11	....	1896
Sept. 23	Dowagiac Drill Co	Dowagiac	Drills	211	3	214	....	1881
Sept. 24	Dowagiac Gas Co	Dowagiac	Gas	7	1	8	....	1902
Sept. 23	Dowagiac Light & Water Works	Dowagiac	Light and water	5	....	5	....	1889
Sept. 25	Eckerts City Bakery	Dowagiac	Baked goods	2	1	3	....	1909
Sept. 25	Heldon's, James Sons	Dowagiac	Fishing rods	22	26	48	....	1902
Sept. 25	Judd, M. & Son	Dowagiac	Dressed lumber	2	....	2	....	1861
Sept. 26	Phillips, George	Dowagiac	Lumber	17	....	17	....	1888
Sept. 26	Reisch, F. C	Dowagiac	Baked goods	2	2	4	....	1913
Sept. 25	Robinson, E. J	Dowagiac	Repairing	4	....	4	....	1899
Sept. 24	Rutherford, Isaac	Dowagiac	Monuments	2	....	2	....	.....
Sept. 25	Snell, S. F	Dowagiac	Cigars	4	1	5	....	1901
Sept. 29	Hampton Stock Farm Co	Glenwood	Headings	28	....	28	....	1902
Sept. 29	Mott, E. E	Glenwood	Cider	3	....	3	....	1883
Oct. 2	Jones Creamery Co	Jones	Dairy products	2	....	2	....	1908
Oct. 2	Jones Feed Mill	Jones	Feed, etc	2	1	3	....	1913
Oct. 2	Eby, D. W	Kingston	Cider, etc	3	1	4	....	1907
Oct. 2	Benedict, Mill	LaGrange	Feed	2	....	2	....	1885
Oct. 7	Brown, F. W	Marcellus	Repairing	1	....	1	....	1890
Oct. 7	Chapman, H. L	Marcellus	Engines	5	1	6	....	1886
Oct. 6	Hoover, H. J	Marcellus	Dressed umber	5	....	5	....	1891
Oct. 7	McDonald & Winters	Marcellus	Butter tubs	9	....	9	....	1899
Oct. 6	Marcellus Creamery Co	Marcellus	Dairy products	3	1	4	....	1908
Oct. 6	Marcellus Elevator	Marcellus	Grain and feed	2	....	2	....	1905
Oct. 6	Marcellus Light & Water Co	Marcellus	Light and water	3	....	3	....	1903
Oct. 7	Marcellus Milling Co	Marcellus	Flour	8	....	8	....	1880
Oct. 7	Marcellus News, The	Marcellus	Printed matter	4	....	4	....	1877
Oct. 6	Marcellus Steam Laundry	Marcellus	Laundry	1	1	2	....	1910
Oct. 6	Parker & Griswold	Marcellus	Auto repairing	3	....	3	....	1912
Oct. 8	Shaver, I. T	Newberg	Lumber and feed	2	....	2	....	1855
Oct. 2	Heckethorn Saw Mill	Penn	Lumber	7	....	7	....	1880
Oct. 13	Phillips Lumber Co	Pokagon	Lumber	8	....	8	....	1901
Oct. 13	Pokagon Elevator	Pokagon	Grain	2	....	2	....	1888
Oct. 13	Brookside Mill	Summerville	Feed	2	....	2	....	.....
Oct. 13	Riverside Feed Mill	Summerville	Feed	1	....	1	....	1885
Oct. 2	Sutten, M	Union	Repairing, etc	1	....	1	....	1907
Oct. 2	Gleat & Cogswell	Vandalia	Wagon repairing	4	....	4	....	1913
Oct. 2	Pears-East Grain Co	Vandalia	Grain	2	....	2	....	1908
Oct. 2	Vandalia Creamery	Vandalia	Dairy products	2	....	2	....	1905

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CHARLEVOIX COUNTY.							
June 12	Pine Lake Grist Mill	Advance	Flour and feed	5	....	5	....	1875
May 27	Northern Lime Co	Bay Shore	Lime	32	....	32	....	1894
June 4	Cole & Garrett	Beaver Island	Lumber and shingles	7	....	7	....	1912
June 9	Bacon, J. E	Boyne City	Blacksmithing	2	....	2	....	1912
June 6	Bolted Basket Co	Boyne City	Baskets	19	....	19	....	1908
June 9	Boyne City Brick Co	Boyne City	Brick	34	1	35	....	1903
June 5	Boyne City Chemical Co	Boyne City	Chemicals	231	....	231	....	1902
June 11	Boyne City Electric Co	Boyne City	Electricity	7	....	7	....	1909
June 6	Boyne City, Gaylord & Alpena R. R. Co	Boyne City	Car repairing	75	....	75	....	1889
June 7	Boyne City Handle Co	Boyne City	Handles	48	....	48	....	1911
June 9	Boyne City Hardware Co., The	Boyne City	Hardware	7	1	8	....	1911
June 6	Boyne City Lumber Co	Boyne City	Lumber	234	....	234	....	1902
June 11	Boyne City Potash Co	Boyne City	Potash	4	....	4	....	1912
June 11	Boyne City Publishing Co	Boyne City	Printed matter	7	3	10	....	1908
June 9	Boyne City Steam Laundry	Boyne City	Laundry	3	4	7	....	1905
June 5	Colman Silo Co	Boyne City	Silos	7	1	8	....	1910
June 6	Conrad, I. N. Iron Works, The	Boyne City	Repairing	5	....	5	....	1906
June 9	Elm Cooperage Co., The	Boyne City	Cooperage	116	6	122	....	1903
June 10	Friedly Bros	Boyne City	Cigars	2	2	4	....	1912
June 11	Getty, John	Boyne City	Plumbing	4	....	4	....	1911
June 11	Griffins Print Shop Co	Boyne City	Printed matter	3	1	4	....	1911
June 9	Hankey Milling Co	Boyne City	Flour, feed, etc	3	7	10	....	1905
June 5	Lake Superior Iron & Chemical Co	Boyne City	Iron	85	1	86	....	1902
June 10	Lewis, John H	Boyne City	Meats	4	....	4	....	1897
June 9	Lewis, W. J	Boyne City	Auto repairing	5	....	5	....	1900
June 11	Michigan State Telephone Co	Boyne City	Telephone service	2	7	9	....	1892
June 9	Michigan Tanning & Extract Co	Boyne City	Leather	259	1	260	....	1901
June 11	Patterson Millinery Co	Boyne City	Millinery	....	5	5	....	1897
June 10	Sanitary Meat Market	Boyne City	Meats	3	....	3	....	1911
June 10	Schwensen, Albert	Boyne City	Baked goods	3	2	5	....	1911
June 6	Von Platen, G	Boyne City	Lumber, lath, etc	106	....	106	....	1887
June 10	Vought, Mrs. J. A	Boyne City	Millinery	....	3	3	....	1900
June 10	Wenzel, Fred B	Boyne City	Custom clothing	3	....	3	....	1910
June 6	White, W. H. Co	Boyne City	Lumber, lath, etc	317	2	319	....	1883
June 6	White, W. H. Co	Boyne City	Lumber	53	....	53	....	1907
June 6	White, W. H. Co	Boyne City	Flooring	53	1	54	....	1908
May 29	Argo Milling Co	Charlevoix	Flour, feed, etc	8	....	8	....	1883
May 29	Block, Martin	Charlevoix	Blacksmithing	5	....	5	....	1904
June 2	Bonthross, Robert	Charlevoix	Plumbing	7	....	7	....	1911
May 29	Booth Fisheries Co	Charlevoix	Fish and oysters	26	1	27	....	1907
June 2	Burgess & Cooper	Charlevoix	Lumber, etc	16	....	16	....	1892
May 28	Charlevoix Boiler Works	Charlevoix	Boilers	4	....	4	....	1905
May 29	Cartier, F. E	Charlevoix	Custom clothing	3	2	5	....	1901
May 29	Charlevoix Central Garage	Charlevoix	Blacksmithing	5	....	5	....	1904
May 29	Charlevoix City Bakery, The	Charlevoix	Baked goods	4	1	5	....	1911
May 29	Charlevoix Coal & Wood Co	Charlevoix	Coal and wood	11	....	11	....	1897
May 29	Charlevoix Courier, The	Charlevoix	Printed matter	7	1	8	....	1882
May 28	Charlevoix Creamery	Charlevoix	Dairy products	3	....	3	....	1912
June 2	Charlevoix Ice Cream Co	Charlevoix	Ice cream	3	1	4	....	1910
June 2	Charlevoix Light & Water Works	Charlevoix	Water and electricity	3	....	3	....	1897
May 28	Charlevoix Lumber Co	Charlevoix	Lumber	55	....	55	....	1874
May 28	Charlevoix Mineral Water Co	Charlevoix	Soft drinks	7	....	7	....	1908
May 28	Charlevoix Rock Product Co	Charlevoix	Lime, etc	79	....	79	....	1910
May 29	Charlevoix Sentinel	Charlevoix	Printed matter	5	1	6	....	1869
May 28	Chatterton & Son	Charlevoix	Beans and produce	5	20	25	....	1913

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CHARLEVOIX CO.—*Con.*							
June 2	Erickson, Theodore	Charlevoix	Auto repairing	2	....	2	....	1897
May 29	Fairchild, Eugene	Charlevoix	Blacksmithing	3	....	3	....	1912
May 29	Fowler, H. R.	Charlevoix	Meats	4	....	4	....	1898
May 29	Johnston, Robert M. A. & Co	Charlevoix	Plumbing	4	1	5	....	1907
May 29	McCann Bros	Charlevoix	Baked goods	4	1	5	....	1904
May 28	Mercier, Louis J. & Hamilton	Charlevoix	Boats and launches	7	....	7	....	1905
May 29	Michigan State Telephone Co	Charlevoix	Telephone service	2	11	13	....	1883
May 29	Novak, Charles	Charlevoix	Cigars	5	2	7	....	1904
May 29	O'Neill, John	Charlevoix	Fish	10	1	11	....	1880
June 2	Parmalee, W. E	Charlevoix	Dressed lumber	8	....	8	....	1909
May 29	Powers, Alonzo	Charlevoix	Plumbing	4	1	5	....	1907
May 28	Ranger, Roy A	Charlevoix	Boats and launches	4	....	4	....	1892
June 2	Troy Laundry	Charlevoix	Laundry	3	12	15	....	1907
May 28	Washburn O. S. & Son	Charlevoix	Machine repairing	2	....	2	....	1882
May 22	Gounce, Sam	Clarion	Feed, etc	1	1	2	....	1911
June 17	Argo Milling Co	East Jordan	Flour, feed and grain	4	....	4	....	1904
June 18	Charlevoix County Herald	East Jordan	Printed matter	1	2	3	....	1897
June 17	East Jordan Chemical Co	East Jordan	Charcoal, etc	214	....	214	....	1910
June 17	East Jordan Clay Products Co	East Jordan	Brick	43	....	43	....	1907
June 18	East Jordan Cooperage Co	East Jordan	Cooperage	53	1	54	....	1898
June 17	East Jordan Creamery & Ice Cream Co	East Jordan	Dairy products	3	....	3	....	1913
June 18	East Jordan Electric & Power Co., The	East Jordan	Electricity	4	1	5	....	1909
June 17	East Jordan Furnace Co	East Jordan	Charcoal, etc	66	....	66	....	1910
June 17	East Jordan Iron Works	East Jordan	Castings	8	....	8	....	1882
June 17	East Jordan Lumber Co	East Jordan	Lumber	90	1	91	....	1879
June 17	East Jordan Lumber Co	East Jordan	Shingles	47	....	47	....	1900
June 17	East Jordan Lumber Co	East Jordan	Flooring	60	....	60	....	1904
June 17	East Jordan Lumber Co	East Jordan	Lumber	141	....	141	....	1886
June 17	East Jordan Lumber Co	East Jordan	Dressed lumber	9	....	9	....	1901
June 17	East Jordan Planing Mills Co	East Jordan	Interior finish	8	1	9	....	1906
June 18	East Jordan & Southern R. R. Co	East Jordan	Car repairing	15	....	15	....	1903
June 18	Enterprise Publishing Co	East Jordan	Printed matter	3	....	3	....	1881
June 19	Everett, Clark Seed Co	East Jordan	Seeds	8	37	45	....	1906
June 19	Freiberg & Kowalske	East Jordan	Custom clothing	3	1	4	....	1912
June 18	Michigan State Telephone Co	East Jordan	Telephone service	1	7	8	....	1897
June 19	Milford, J. M	East Jordan	Meats	6	1	7	....	1911
June 19	Reid & Graff	East Jordan	Plumbing	5	....	5	....	1911
June 19	Shedina, Chas	East Jordan	Blacksmithing	2	....	2	....	1906
June 17	Spencer, Geo	East Jordan	Plumbing	4	1	5	....	1904
June 18	Spence, Robert	East Jordan	Baked goods	3	....	3	....	1898
June 3	Beaver Island Lumber Co	St. James	Lumber, lath, etc	89	....	89	....	1902
June 4	McCann, James	St. James	Fish	15	1	16	....	1882
May 23	Grund, William	Walloon Lake	Lumber and shingles	32	....	32	....	1907
May 23	Lundstrom, Elmer	Walloon Lake	Lumber	12	....	12	....	1913
May 23	Masters' Haas Boat Co	Walloon Lake	Boats	6	....	6	....	1909
May 23	Merrill Boat Works	Walloon Lake	Boats	7	....	7	....	1895
May 23	Sheatsley, J. F	Walloon Lake	Lumber	6	....	6	....	1891
	CHEBOYGAN COUNTY.							
Nov. 6	Wollangur, A. T	Beaugrand	Lumber	17	1	18	....	1903
Nov. 7	Ganer, Wm	Black River	Lumber	10	....	10	....	1878
Nov. 3	Bilitske, Peter J	Cheboygan	Custom clothing	2	2	4	....	1893
Nov. 1	Blake, H. A. & Son	Cheboygan	Machine repairing	8	....	8	....	1871
Nov. 5	Booth Fisheries Co	Cheboygan	Fish	9	....	9	....	1901

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CHEBOYGAN CO.—*Con.*							
Nov. 5	Bourrie, Joseph	Cheboygan	Lumber	18	....	18	....	1905
Nov. 8	Buerger, Vincent	Cheboygan	Blacksmithing	4	....	4	....	1883
Nov. 7	Cheboygan Candy Co	Cheboygan	Ice cream	4	....	4	....	1912
Nov. 1	Cheboygan City Water Works	Cheboygan	Water	7	....	7	....	1883
Nov. 5	Cheboygan Creamery Co	Cheboygan	Dairy products	4	....	4	....	1913
Oct. 31	Cheboygan Democrat	Cheboygan	Printed matter	6	3	9	1	1879
Oct. 31	Cheboygan Electric Light & Power Co.	Cheboygan	Light and power	5	....	5	....	1896
Oct. 31	Cheboygan Flour Mill Co	Cheboygan	Flour and feed	10	1	11	....	1905
Nov. 5	Cheboygan Hand Laundry	Cheboygan	Laundry	2	4	6	....	1893
Nov. 4	Cheboygan Hardware Co	Cheboygan	Hardware	4	....	4	....	1909
Nov. 1	Cheboygan Mfg. Co	Cheboygan	Sash, doors, etc	16	....	16	....	1895
Oct. 31	Cheboygan Novelty Turning Works, The	Cheboygan	Wood turning	17	....	17	....	1883
Oct. 31	Cheboygan Paper Co	Cheboygan	Paper	209	18	227	....	1902
Nov. 3	Cheboygan Tribune, The	Cheboygan	Printed matter	5	2	7	....	1875
Nov. 18	Chimner, Peter	Cheboygan	Farm implements	5	....	5	....	1905
Nov. 5	Cronk, A. B., Jr	Cheboygan	Cigars	2	1	3	....	1913
Nov. 3	Dore, Cephas	Cheboygan	Repairing	3	....	3	....	1900
Nov. 4	Embury-Martin Lumber Co	Cheboygan	Lumber	139	1	140	....	1909
Nov. 4	Garrow, J. A	Cheboygan	Meats	4	....	4	....	1904
Nov. 5	Cueny & Galbraith	Cheboygan	Hardware	7	....	7	....	1910
Nov. 4	Habeling, C. P	Cheboygan	Custom clothing	2	....	2	....	1912
Nov. 4	Hayes Bros	Cheboygan	Cigars	2	....	2	....	1906
Nov. 5	Hohler, F. J	Cheboygan	Baked goods	5	1	6	....	1902
Nov. 4	Hout & Rittenhouse	Cheboygan	Provisions	6	2	8	....	1912
Nov. 18	Johns, Miss Minnie	Cheboygan	Millinery	2	....	2	....	1898
Nov. 1	Keeney, N. B. & Son	Cheboygan	Seeds	3	1	4	....	1901
Nov. 4	Leishman, J. R	Cheboygan	Meats	3	....	3	....	1905
Nov. 4	Lund, J. B. & Sons	Cheboygan	Castings	13	....	13	....	1903
Nov. 3	McMullen Printing Co	Cheboygan	Printed matter	3	1	4	....	1898
Nov. 3	Murphy, Joseph J	Cheboygan	Cigars	3	....	3	....	1890
Nov. 3	Noll, John	Cheboygan	Cigars	6	....	6	....	1889
Nov. 3	Olds, M. D	Cheboygan	Lumber	130	1	131	....	1904
Nov. 3	Peits, Henry	Cheboygan	Plumbing	4	1	5	....	1903
Nov. 5	Pfister & Vogel Leather Co	Cheboygan	Leather	148	1	149	....	1892
Nov. 7	Post, J. J. Hardware Co., Ltd	Cheboygan	Hardware	10	....	10	....	1872
Nov. 18	Rauhut, Miss E. B	Cheboygan	Millinery	.....	3	3	....	1906
Nov. 6	Schulz Bros	Cheboygan	Auto repairing	6	....	6	....	1900
Nov. 1	Schwartz Bros. & Co	Cheboygan	Boilers	15	....	15	....	1912
Nov. 3	Spooner, J. H	Cheboygan	Meats	3	....	3	....	1912
Oct. 31	Star Steam Laundry	Cheboygan	Laundry	3	10	13	....	1913
Nov. 5	Tuttle, J. E	Cheboygan	Harness	3	1	4	....	1893
Nov. 8	Lakeside Lumber Co	Lakeside	Lumber	16	....	16	....	1908
Nov. 18	Grand Rapids & Indiana Ry. Co	Mackinac City	Car repairing	29	....	29	....	1883
Nov. 18	Michigan Central Railroad Co	Mackinac City	Car repairing	19	....	19	....	1880
Nov. 18	Peck, Glenn Ira	Mackinac City	Meats	2	....	2	....	1901
Nov. 6	Wolf Bros	Munro	Lumber	12	....	12	....	1895
Nov. 8	Cheboygan Stave Co	Nelson	Staves	16	....	16	....	1910
Nov. 7	Machensen Bros	Wolverine	Lumber	17	....	17	....	1906
Nov. 7	Wolverine Corrier, The	Wolverine	Printed matter	1	1	2	....	1907
Nov. 7	Wolverine Elgin Creamery Co	Wolverine	Dairy products	2	....	2	....	1909
Nov. 7	Parrot, Chas	Wolverine	Lumber	6	....	6	....	1905

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CHIPPEWA COUNTY.							
Oct. 3	Drum, Mrs. J. P.	Brimley	Millinery	.....	2	2	....	.....
Oct. 3	Michigan Pulp Wood Co.	Brimley	Pulp wood	42	....	42	....	1894
Oct. 8	DeTour Dock Co.	DeTour	Coal	30	....	30	....	1893
Oct. 8	DeTour Meat Market	DeTour	Meats	1	1	2	....	1900
Oct. 8	Konkle, L. H.	DeTour	Lumber	6	....	6	....	1901
Oct. 8	Leonard, G. H.	DeTour	Lumber	4	....	4	....	1911
Oct. 8	Watson, T. H.	DeTour	Coal and timber	12	....	12	....	1893
Oct. 8	Wilkie, H. L.	DeTour	Blacksmithing	2	....	2	....	1900
Oct. 10	Chesbrough Lumber Co.	Emerson	Lumber	92	....	92	....	1907
Oct. 3	McDonald, I. D.	Pickford	Lumber	5	....	5	....	1903
Oct. 3	Pickford Clarion, The	Pickford	Printed matter	3	....	3	....	.....
Oct. 4	Pickford Roller Mills	Pickford	Flour and feed	3	1	4	....	1891
Oct. 4	McKee, R.	Donaldson	Lumber and shingles	6	....	6	....	1900
Oct. 9	Murner, W. H.	Raber	Lumber and shingles	30	....	30	....	1912
Oct. 6	Johnson, M. J.	Rudyard	Blacksmithing	2	....	2	....	1909
Oct. 6	Lipsett, J. L.	Rudyard	Hardware	5	....	5	....	1906
Oct. 6	Williams, C. E.	Rudyard	Lumber	13	....	13	....	1909
Oct. 6	Thornton Bros. Brick Co.	Rudyard	Brick	23	....	23	....	1903
Oct. 6	Agnew, John	Sault Ste. Marie.	Meats	4	1	5	....	1902
Oct. 6	Barton Bros.	Sault Ste. Marie.	Plumbing	3	1	4	....	.....
Sept. 30	Bateman Harness Co.	Sault Ste. Marie.	Harness	4	....	4	....	1902
Sept. 16	Beckingham, Charles	Sault Ste. Marie.	Plumbing	3	1	4	....	1906
Sept. 25	Board of Public Works	Sault Ste. Marie.	Water	12	....	12	....	1886
Sept. 29	Cameron Bros.	Sault Ste. Marie.	Meats	6	1	7	....	1898
Oct. 6	Clark, Mrs. M. M.	Sault Ste. Marie.	Millinery	.....	6	6	....	1891
Sept. 27	Comb, A. M.	Sault Ste. Marie.	Baked goods	5	1	6	....	1900
Sept. 30	Connolly Mfg. Co., The	Sault Ste. Marie.	Harness	6	3	9	....	1898
Sept. 30	Cornwell Beef Co.	Sault Ste. Marie.	Food products	9	1	10	....	1900
Sept. 26	Crisp Laundry Co.	Sault Ste. Marie.	Laundry	8	26	34	....	1910
Sept. 24	Duluth, South Shore & Atlantic R. R.	Sault Ste. Marie.	Car repairing	10	1	11	....	.....
Sept. 27	Dredge & Dock Co.	Sault Ste. Marie.	Dredges, etc.	446	3	449	....	1911
Sept. 26	Edison Sault Electric Co.	Sault Ste. Marie.	Light and power	32	3	35	....	1891
Sept. 18	Evening News, The	Sault Ste. Marie.	Printed matter	24	6	30	....	1884
Sept. 17	Gowan Hardware Co.	Sault Ste. Marie.	Hardware	13	2	15	....	1900
Sept. 18	Great Lakes Laundry Co.	Sault Ste. Marie.	Laundry	23	42	65	....	1903
Oct. 6	Hat Shop, The	Sault Ste. Marie.	Millinery	.....	4	4	....	1910
Sept. 23	Hickler Bros.	Sault Ste. Marie.	Castings	38	....	38	....	1893
Sept. 23	Hickler Bros.	Sault Ste. Marie.	Boats	11	....	11	....	1903
Sept. 18	Howard Cigar Factory	Sault Ste. Marie.	Cigars	.....	6	6	1	1901
Sept. 17	Hyman, A. S.	Sault Ste. Marie.	Custom clothing	5	2	7	....	1901
Sept. 24	Kelly & Mayer	Sault Ste. Marie.	Lumber and shingles	45	....	45	....	.....
Sept. 27	Kemp, George Coal Co.	Sault Ste. Marie.	Coal	13	2	15	....	1873
Sept. 25	Kemp, Lewis D.	Sault Ste. Marie.	Wood and coal	3	1	4	....	1905
Sept. 26	Laurie, George J.	Sault Ste. Marie.	Cigars	4	....	4	....	1908
Sept. 17	Lock City Carriage & Wagon Works	Sault Ste. Marie.	Carriages and wagons	6	....	6	....	1913
Sept. 25	Lock City Mfg. Co., Ltd.	Sault Ste. Marie.	Sash, doors, etc.	16	....	16	....	1903
Sept. 28	MacArthur Bros. Co.	Sault Ste. Marie.	Building supplies	688	....	688	....	.....
Sept. 17	McKenzie, Neil	Sault Ste. Marie.	Shoes	6	....	6	....	1901
Sept. 17	Merrifield, J. R.	Sault Ste. Marie.	Cigars	8	2	10	1	1901
Sept. 27	Michigan Lake Superior Power Co., The	Sault Ste. Marie.	Light and water	59	1	60	....	1902
Sept. 29	Model Meat Market	Sault Ste. Marie.	Meats	2	....	2	....	1913
Sept. 26	Moles, C. A.	Sault Ste. Marie.	Wagon repairing	4	....	4	....	1912
Sept. 29	Montsatson, Nicholas	Sault Ste. Marie.	Candy	4	1	5	....	1897
Sept. 18	National Grocer Co.	Sault Ste. Marie.	Provisions	15	2	17	....	1901
Sept. 24	North Western Leather Co.	Sault Ste. Marie.	Leather	327	1	328	1	1900

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CHIPPEWA CO.—*Con.*							
Sept. 24	Peninsula Bark & Lumber Co	Sault Ste. Marie.	Lumber and lath	33	2	35	....	.....
Sept. 27	Pennsylvania Steel Co., The	Sault Ste. Marie.	Steel	84	....	84	....	.....
Sept. 26	Pintsch Compressing Co	Sault Ste. Marie.	Gas	2	....	2	....	1912
Sept. 27	Pittsburg Steamship Co	Sault Ste. Marie.	Vessel supplies	41	1	42	....	1902
Sept. 18	Porkert, Wm	Sault Ste. Marie.	Ladies' garments	2	3	5	....	1910
Sept. 18	Roe, J. H	Sault Ste. Marie.	Meats	6	1	7	....	1900
Sept. 18	Soo Brewing Co	Sault Ste. Marie.	Beer	15	....	15	....	1902
Sept. 29	Soo Flouring Mills Co	Sault Ste. Marie.	Flour	3	....	3	....	1910
Sept. 23	Sault Ste. Marie Gas & Electric Co	Sault Ste. Marie.	Gas	10	1	11	....	1907
Sept. 16	Soo Granite & Marble Works	Sault Ste. Marie.	Monuments	2	....	2	....	1898
Sept. 17	Soo Hardware Co., The	Sault Ste. Marie.	Hardware	41	6	47	....	1887
Sept. 25	Soo Lumber Co., The	Sault Ste. Marie.	Lumber	19	1	20	....	1899
Sept. 16	Soo Machine & Auto Co	Sault Ste. Marie.	Repairing	15	1	16	....	1911
Sept. 18	Soo Times, The	Sault Ste. Marie.	Printed matter	6	1	7	....	1887
Sept. 18	Soo Woolen Mills	Sault Ste. Marie.	Woolen goods	18	57	75	....	1902
Sept. 18	Schiff, Simon	Sault Ste. Marie.	Custom clothing	4	2	6	....	1905
Sept. 26	Standard Oil Co	Sault Ste. Marie.	Oil products	4	1	5	1	1893
Sept. 17	Stelsman, Frances & Co	Sault Ste. Marie.	Millinery	.....	5	5	....	1905
Sept. 26	Trans-St. Mary's Traction Co	Sault Ste. Marie.	Passenger service	29	1	30	....	1903
Sept. 24	Tymon Lumber Co	Sault Ste. Marie.	Lumber	5	....	5	....	1895
Sept. 19	Union Carbide Co	Sault Ste. Marie.	Chemicals	368	1	369	....	1903
Sept. 18	Yeack, John L	Sault Ste. Marie.	Cigars	2	....	2	....	1911
Oct 15	Bennett & Allen	Seewhy	Lumber	16	....	16	....	1913
Oct. 15	Bennett, C. Y	Seewhy	Forest products	84	....	84	....	1911
Oct. 11	Bartlett Lumber Co	Shelldrake	Lumber	360	1	361	....	1908
Oct. 11	Bartlett Lumber Co., The	Shelldrake	Light and water	4	....	4	....	1908
Oct. 15	Fuller, P. C. Co	Strongs	Lumber	65	....	65	....	1906
Oct. 15	Turner, E	Strongs	Shingles	14	....	14	....	1900
Oct. 15	Turner, E	Strongs	Lumber	20	....	20	....	1900
Sept. 5	Kramer & Crego Co	Trout Lake	Lumber	27	1	28	....	1906
Oct. 9	Chicago Mill & Lumber Co	West Nebish	Lumber	53	....	53	....	1913
	CLARE COUNTY.							
Aug. 4	Blanken	Clare	Baked goods	3	....	3	....	1913
Aug. 4	Callam Milling Co	Clare	Grain and beans	3	9	12	....	1900
Aug. 4	Clare Courier, The	Clare	Printed matter	2	2	4	....	1895
Aug. 4	Clare Creamery Co	Clare	Dairy products	4	1	5	....	1902
Aug. 4	Clare Elevator Co	Clare	Grain and beans	3	9	12	....	1900
Aug. 4	Clare Sentinel, The	Clare	Printed matter	3	2	5	....	1878
Aug. 5	Clare Water Works	Clare	Water	1	....	1	....	1905
Aug. 4	Consolidated Light & Power Co	Clare	Light and power	2	....	2	....	1900
Aug. 4	Dawson Cigar Manufacture Co	Clare	Cigars	2	....	2	....	1911
Dec. 6	Doherty, Floyd E	Clare	Auto repairing	4	....	4	....	1913
Aug. 4	Geeck, N. F. & Co	Clare	Lumber	4	1	5	....	1903
Aug. 4	Halstead, Lillian	Clare	Millinery	.....	3	3	....	1909
Aug. 4	McKeever, Geo	Clare	Shingles, etc	6	....	6	....	1909
Aug. 4	McKimmon, A	Clare	Blacksmithing	2	....	2	....	1903
Aug. 4	McLaren, J. D. Co., Inc	Clare	Grain, produce, etc	2	16	18	....	1907
Aug. 5	McNeill, W. L	Clare	Blacksmithing	2	....	2	....	1902
Aug. 4	Mahoney, Miss Pearl	Clare	Millinery	.....	4	4	....	1911
Aug. 4	Rhoades, A. S	Clare	Headings	22	....	22	....	1900
Dec. 6	Roe, Alfred	Clare	Auto repairing	2	....	2	....	1913
Dec. 6	Smalley, M	Clare	Meats	2	....	2	....	1903
Dec. 6	Thompson, L. H	Clare	Farm implements	2	....	2	....	1912
Aug. 4	Ward, D	Clare	Flour and feed	3	....	3	....	1901
Dec. 6	Farwell Power Plant	Farwell	Water	1	....	1	....	1887
Dec. 6	Fuller & Harris	Farwell	Grain	6	15	21	....	1876
Dec. 6	McNeil Bros	Farwell	Meats	2	....	2	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CLARE CO.—*Con.*							
Dec. 6	McNeill, H. L.	Farwell	Blacksmithing	1	....	1	....	1911
Dec. 6	Winchell, W. S.	Farwell	Meats	1	....	1	....	1913
Aug. 6	Clare County Cleaver, The.	Harrison	Printed matter	1	1	2	....	1880
Aug. 6	Harrison Elevator Co.	Harrison	Grain and feed	3	1	4	....	1912
Aug. 6	Harrison Water Works	Harrison	Light and water	1	....	1	....	1880
Aug. 6	Mitchell, L	Harrison	Blacksmithing	1	....	1	....	1872
Aug. 6	Rhodes, A. E.	Leota	Shiggles	14	....	14	....	1907
Aug. 5	Temple Mfg. Co.	Temple	Staves	23	....	23	....	1902
	CLINTON COUNTY.							
Dec. 19	Cushman, S. & Son Co.	Bath	Farm products	3	7	10	....	1906
Dec. 19	Detluff, Albert	Bath	Blacksmithing	2	....	2	....	1900
Dec. 17	Breisch, Christian & Co.	DeWitt	Grain and beans	4	....	4	....	1906
Dec. 17	Calder, Frank	DeWitt	Blacksmithing	2	....	2	....	1906
Dec. 17	Elliott, Geo. W.	DeWitt	Beans	1	....	1	....	1909
Dec. 17	Livermore, C.	DeWitt	Feed	1	....	1	....	1909
Dec. 17	Reed, Harry	DeWitt	Meats	1	....	1	....	1900
Dec. 17	Sibley, R. B.	DeWitt	Lumber, coal, etc.	2	....	2	....	1904
Dec. 20	Eureka Cheese Co.	Duplain	Cheese	2	....	2	....	1906
Dec. 17	Balderson, F. A. & Co.	Eagle	Grain and seed	2	10	12	....	1908
Dec. 17	De La Vergne, C.	Eagle	Blacksmithing	2	....	2	....	1900
Dec. 17	Howard & Clard	Eagle	Blacksmithing	2	....	2	....	1913
Dec. 17	Reed & Co.	Eagle	Washing machines	4	....	4	....	1898
Dec. 20	Bensinger & Barnes	Elsie	Machine repairing	2	....	2	....	1913
Dec. 20	Besley, B. M.	Elsie	Blacksmithing	2	....	2	....	1888
Dec. 20	Clement, F. W.	Elsie	Shoe repairing	1	....	1	....	1907
Dec. 20	Conklin, Claud	Elsie	Meats	2	....	2	....	1906
Dec. 20	Curtis, L. W.	Elsie	Farm products	2	....	2	....	1898
Dec. 20	Ekemberg Co., The	Elsie	Milk products	15	1	16	....	1909
Dec. 20	Elsie Light & Power Plant	Elsie	Light	2	....	2	....	1911
Dec. 20	Elsie Roller Mills, The	Elsie	Flour and feed	2	....	2	....	1883
Dec. 20	Elsie Sun, The	Elsie	Printed matter	1	1	2	....	1906
Dec. 20	Hankins Bros.	Elsie	Flour, feed, etc.	4	....	4	....	1900
Dec. 20	Hankins Bros.	Elsie	Grain, beans, etc.	4	21	25	....	1898
Dec. 20	Hustin, H.	Elsie	Woolen goods	3	....	3	....	1904
Dec. 20	Lusk, W. S.	Elsie	Meats	2	....	2	....	1913
Dec. 20	Sheldon, C. M. & Son	Elsie	Auto repairing	3	....	3	....	1893
Dec. 20	Sherman, C. A.	Elsie	Lumber	2	....	2	....	1901
Dec. 15	Beck, O. E. & Co.	Eureka	Lumber	5	....	5	....	1900
Dec. 15	Eureka Cheese Co.	Eureka	Cheese	1	....	1	....	1900
Dec. 15	Glover, R. A.	Eureka	Auto repairing	1	....	1	....	1910
Dec. 15	Kirby & Miller	Eureka	Blacksmithing	2	....	2	....	1907
Dec. 13	Bearndt & Weller	Fowler	Tinning	2	....	2	....	1907
Dec. 13	Droste, J. T.	Fowler	Blacksmithing	2	....	2	....	1897
Dec. 13	Fowler Creamery Co.	Fowler	Dairy products	2	1	3	....	1901
Dec. 13	Martin, Joseph J.	Fowler	Flour and feed	4	....	4	....	1895
Dec. 13	Mots, Albert	Fowler	Lumber	7	....	7	....	1908
Dec. 13	Sturgis, C. & Son	Fowler	Grain, seeds, etc.	8	1	9	....	1900
Dec. 13	Wieber, Anthony	Fowler	Lumber, sash, etc.	2	....	2	....	1906
Dec. 15	Britten, Clyde	Maple Rapids	Blacksmithing	2	....	2	....	1905
Dec. 15	Casterline, Fred G.	Maple Rapids	Electricity	2	....	2	....	1913
Dec. 15	Fleishman, E. F.	Maple Rapids	Flour	2	....	2	....	1905
Dec. 15	Hoerner, George M.	Maple Rapids	Blacksmithing	2	....	2	....	.....
Dec. 15	Maple Rapids Dispatch, The	Maple Rapids	Printed matter	2	1	3	....	1913
Dec. 15	Payne & Crook	Maple Rapids	Meats	2	....	2	....	1913

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	CLINTON CO.—*Con.*							
Dec. 15	Reist, C. E.	Maple Rapids	Cheese	2	....	2	....	1907
Dec. 9	Baker, H. S.	Ovid	Baked goods	3	1	4	....	1911
Dec. 9	Clinton Cider Co.	Ovid	Cider	8	....	8	....	1902
Dec. 9	Cole, W. E.	Ovid	Blacksmithing	2	....	2	....	1912
Dec. 8	Cowan Chas. Seed Co.	Ovid	Farm produce	2	12	14	....	1893
Dec. 8	Ekenberg Co., The	Ovid	Milk products	4	....	4	....	1908
Dec. 8	Groat, Albert W.	Ovid	Blacksmithing	2	....	2	....	1911
Dec. 9	High, Mrs. L. B.	Ovid	Millinery	....	2	2	....	1904
Dec. 9	Johnson, W. J.	Ovid	Harness	2	....	2	....	1899
Dec. 9	Morse & Sheldon	Ovid	Meats	3	....	3	....	1907
Dec. 9	Oven, H. C.	Ovid	Flowers	6	6	12	....	1913
Dec. 8	Ovid Electric Light & Water Works	Ovid	Light and water	3	....	3	....	1888
Dec. 8	Ovid Elevator Co.	Ovid	Farm produce	3	18	21	....	1888
Dec. 8	Ovid Roller Mills	Ovid	Flour and feed	8	....	8	....	1895
Dec. 9	Register Union, The	Ovid	Printed matter	2	2	4	....	1901
Dec. 9	Webb & Winfield	Ovid	Meats	3	....	3	....	1913
Dec. 8	Woodworth, W. W.	Ovid	Machine repairing	2	....	2	....	1905
Dec. 10	Beach, T. C.	St. Johns	Turntables	6	....	6	....	1913
Dec. 11	Bishop, E. E.	St. Johns	Dairy products	7	11	18	....	1903
Dec. 12	Britton & Walker	St. Johns	Cream separators	2	....	2	....	1913
Dec. 12	Clark & Beach	St. Johns	Millinery	....	2	2	....	1913
Dec. 11	Clinton Republican, The	St. Johns	Printed matter	6	4	10	....	1856
Dec. 11	Columbia Mfg. Co.	St. Johns	Bedding	2	....	2	....	1895
Dec. 11	Danley, Byron	St. Johns	Automobiles	7	10	17	....	1895
Dec. 10	Dimond, George F. & Co.	St. Johns	Farm produce	5	17	22	....	1876
Dec. 12	Electric Shoe Shop, The	St. Johns	Repairing	1	....	1	....	1913
Dec. 10	Emmons, Elmer E.	St. Johns	Cider	10	1	11	....	1897
Dec. 12	Farmer's Cement Tile Machine Co., The	St. Johns	Tile machinery	3	1	4	....	1909
Dec. 12	Fletcher, George G.	St. Johns	Blacksmithing	4	....	4	....	1909
Dec. 12	Gillison, Wm.	St. Johns	Feed	2	....	2	....	1911
Dec. 10	Hicks, John	St. Johns	Farm produce	9	24	33	....	1910
Dec. 12	Iron & Metal Co.	St. Johns	Junk	5	....	5	....	1911
Dec. 13	Johnson Laundry	St. Johns	Laundry	3	2	5	....	1910
Dec. 10	Lind, Eugene	St. Johns	Heaters, etc.	2	....	2	....	1909
Dec. 11	Mason, F. C. & Co.	St. Johns	Farm implements	33	2	35	....	1897
Dec. 12	Millers Garage	St. Johns	Auto repairing	2	....	2	....	1912
Dec. 12	Moss, William J.	St. Johns	Auto repairing	5	....	5	....	1909
Dec. 11	Mutual Gas Co.	St. Johns	Gas coke	3	....	3	....	1887
Dec. 11	Murray, W. J.	St. Johns	Baked goods	3	1	4	....	1900
Dec. 12	Parr, Eugene B.	St. Johns	Baked goods	4	....	4	....	1911
Dec. 10	Parr, John F.	St. Johns	Grain and coal	4	....	4	....	1905
Dec. 10	Parr Lumber Co.	St. Johns	Lumber, sash, etc.	8	1	9	....	1905
Dec. 11	Putt, Clark A.	St. Johns	Baked goods	3	....	3	....	1910
Dec. 10	Richmond & Holmes	St. Johns	Cement tile, etc.	6	1	7	....	1888
Dec. 12	Roberts, J. M.	St. Johns	Blacksmithing	2	....	2	....	1909
Dec. 10	St. Johns Electric & Water Works	St. Johns	Light and water	9	....	9	....	1882
Dec. 11	St. Johns Granite Co.	St. Johns	Granite	6	....	6	....	1906
Dec. 11	St. Johns Ice Cream & Candy Works	St. Johns	Candy, etc.	3	....	3	....	1909
Dec. 11	St. Johns News, The	St Johns	Printed matter	6	1	7	....	1888
Dec. 12	St. Johns Portable Building Co.	St. Johns	Portable buildings	42	....	42	....	1907
Dec. 13	St. Johns Steam Laundry	St. Johns	Laundry	2	4	6	....	1893
Dec. 12	Scofield, F.	St Johns	Meats	2	....	2	....	1913
Dec. 12	Smith, A. T.	St. Johns	Auto repairing	5	....	5	....	1909
Dec. 10	Sprague, Chas. S.	St. Johns	Farm produce	3	30	33	....	1897
Dec. 11	Stephan, Con.	St. Johns	Cigars	6	2	8	....	1903

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Factory Inspection.—Continued.

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	CLINTON CO.—*Con.*							
Dec. 12	Stevens, Mrs. E. N	St. Johns	Millinery	.....	3	3	....	1908
Dec. 12	Summer, George A	St. Johns	Bee supplies	1	....	1	....	1898
Dec. 12	Turners Shop	St. Johns	Blacksmithing	2	....	2	....	1913
Dec. 11	Vredenburg, F. M	St. Johns	Farm implements	5	....	5	....	1904
Dec. 12	Walter & Hodge	St. Johns	Monuments	6	1	7	....	1899
Dec. 11	Wood, Geo	St. Johns	Flour, feed, etc	3	....	3	....	1862
Dec. 12	Zavits, L. W	St. Johns	Meats	3	....	3	....	1909
Dec. 16	Brace, J. T	Wacousta	Ironing boards	6	....	6	....	1911
Dec. 16	Plowman, R. F	Wacousta	Blacksmithing	1	....	1	....	1909
Dec. 16	Wacousta Feed & Cider Mill	Wacousta	Feed and cider	2	....	2	....	1900
Dec. 18	Barr, Peter	Westphalia	Blacksmithing	1	....	1	....	1900
Dec. 18	Bohr, W. H	Westphalia	Varnishes	2	....	2	....	1889
Dec. 18	Fruend, John	Westphalia	Lumber	5	....	5	....	1905
Dec. 18	Schafer, Miss Louise	Westphalia	Millinery	.....	2	2	....	1908
Dec. 18	Westphalia Creamery	Westphalia	Dairy products	3	....	3	....	1883
Dec. 18	Westphalia Milling Co	Westphalia	Flour and feed	5	....	5	....	1883
	CRAWFORD COUNTY.							
Oct. 7	Walch Mfg. Co	Frederic	Staves and headings	30	....	30	....	1913
Oct. 8	American Express Co	Grayling	Express	2	....	2	....	1841
Oct. 8	City Bakery, The	Grayling	Baked goods	3	1	4	....	1909
Oct. 8	Crawford Avalanche, The	Grayling	Printed matter	2	2	4	....	1878
Oct. 7	Grayling Dowel Co	Grayling	Dowels	12	8	20	....	1902
Oct. 7	Grayling Electric Co	Grayling	Electricity	3	....	3	....	1901
Oct. 8	Grayling Machinery Repair Co	Grayling	Repairing	4	....	4	....	1912
Oct. 7	Hanson, R. & Sons	Grayling	Lumber	131	....	131	....	1908
Oct. 8	Hart, Andrew	Grayling	Cigars	3	....	3	....	1908
Oct. 8	Kerry & Hanson Flooring Co	Grayling	Flooring	48	1	49	....	1905
Oct. 8	Letzkus, J. W	Grayling	Cigars	3	....	3	....	1907
Oct. 8	McCullough, Wm	Grayling	Blacksmithing	3	....	3	....	1907
Oct. 7	Manistee & North Eastern Railroad Co	Grayling	Freight	12	....	12	....	1909
Oct. 8	Michigan Central Railroad Co	Grayling	Freight	13	....	13	....	.....
Oct. 8	Milks, F. H	Grayling	Meats	4	....	4	....	1908
Oct. 7	Salling, Hanson Co	Grayling	Lumber	231	4	235	....	1878
Oct. 8	Slade, Guy W	Grayling	Meats	4	....	4	....	1910
	DELTA COUNTY.							
Nov. 22	Bark River Creamery	Bark River	Dairy products	2	....	2	....	1912
Nov. 22	Golden Crown Roller Mills	Bark River	Flour	4	....	4	....	1892
Nov. 20	Boyer, Joseph	Escanaba	Blacksmithing	4	....	4	....	1911
Nov. 20	Brauns & Van	Escanaba	Fruits	11	....	11	....	1903
Nov. 17	Bubser, H	Escanaba	Meats	2	....	2	....	1908
Nov. 20	Chicago & Northwestern Railway	Escanaba	Car repairing	278	....	278	....	1876
Nov. 20	City Livery Stable	Escanaba	Passenger service	8	....	8	....	1891
Nov. 20	City Wagon Works	Escanaba	Wagons	2	....	2	....	1913
Nov. 20	City Wagon Works	Escanaba	Blacksmithing	3	....	3	....	1912
Nov. 19	DeGrand, A. & J. Co	Escanaba	Feed and produce	4	1	5	....	1905
Nov. 19	Delta Printing Co	Escanaba	Job printing	3	1	4	....	1905
Nov. 17	Ehnerd, Charles	Escanaba	Meat	2	1	3	....	1887
Nov. 20	Escanaba Brewing Co	Escanaba	Beer	22	....	22	....	1897
Nov. 18	Escanaba Granite & Marble Works	Escanaba	Granite	6	1	7	....	1911
Nov. 19	Escanaba Hardware Co	Escanaba	Hardware	9	....	9	....	1893

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Factory Inspection.—Continued.

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	DELTA CO.—*Con.*							
Nov. 17	Escanaba Harness Co	Escanaba	Harness	2	....	2	....	1906
Nov. 20	Escanaba Journal, The	Escanaba	Job printing	3	2	5	....	1880
Nov. 19	Escanaba Mfg. Co	Escanaba	Woodenware	153	160	313	....	1905
Nov. 20	Escanaba Morning Press Co	Escanaba	Printed matter	16	1	17	....	1909
Nov. 20	Escanaba Municipal Lighting Plants	Escanaba	Gas	4	....	4	....	1913
Nov. 20	Escanaba Municipal Lighting Plants	Escanaba	Electricity	10	....	10	....	1895
Nov. 19	Escanaba Steam Boiler & Sheet Iron Works	Escanaba	Boilers	16	....	16	....	1906
Nov. 17	Escanaba Steam Laundry Co	Escanaba	Laundry	10	20	30	....	1902
Nov. 19	Escanaba Traction Co	Escanaba	Passenger service	25	....	25	....	1895
Nov. 20	Fong, Chas	Escanaba	Laundry	5	....	5	....	1893
Nov. 17	Gunter, Nick	Escanaba	Meat	2	....	2	....	1880
Nov. 17	Gunter Sausage Works	Escanaba	Meat	3	....	3	....	1898
Nov. 17	Hirn & Gleich	Escanaba	Baked goods	5	2	7	....	1901
Nov. 17	Hogan, George	Escanaba	Plumbing	31	1	32	....	1900
Nov. 20	Kaufman, Mrs. L. A	Escanaba	Millinery	.....	2	2	....	1887
Nov. 17	Maloney & Co	Escanaba	Feed	2	....	2	....	1893
Nov. 19	Michigan State Telephone Co	Escanaba	Telephone service	5	15	20	....	1889
Nov. 19	Mirror Daily, The	Escanaba	Printed matter	13	2	15	....	1898
Nov. 17	O'Meara, John	Escanaba	Baked goods	5	2	7	....	1891
Nov. 19	National Grocer Co	Escanaba	Groceries	13	2	15	....	1905
Nov. 17	North Michigan Water Co	Escanaba	Water	6	1	7	....	1913
Nov. 17	Palace, The	Escanaba	Meat	2	1	3	....	1906
Nov. 19	Panitorium, The	Escanaba	Cleaning and pressing	2	....	2	....	1908
Nov. 17	Postal Telegraph Co	Escanaba	Telegraph service	3	....	3	2	1888
Nov. 20	Puissant, C	Escanaba	Plumbing	6	1	7	....	1900
Nov. 17	Richter Brewing Co	Escanaba	Beer	23	....	23	....	1901
Nov. 19	Sam, Lee	Escanaba	Laundry	3	....	3	....	1912
Nov. 17	Stegath Lumber Co	Escanaba	Lumber	13	....	13	....	1909
Nov. 17	Stegath Lumber Co	Escanaba	Lumber	4	....	4	....	1909
Nov. 20	Stephenson, J	Escanaba	Lumber	8	....	8	....	1878
Nov. 20	Stille, S. C	Escanaba	Plumbing	9	1	10	....	1899
Nov. 20	Swift & Co	Escanaba	Meats	3	....	3	....	1898
Nov. 19	Thompson's Bakery	Escanaba	Baked goods	3	1	4	....	1913
Nov. 20	Tolan, J	Escanaba	Cigars	5	....	5	1	1902
Nov. 19	West End Livery	Escanaba	Passenger service	3	....	3	....	1888
Nov. 17	Western Union Telegraph Co	Escanaba	Telegraph service	6	1	7	....	1909
Nov. 21	Anderson & Holm	Gladstone	Meats	3	....	3	....	1907
Nov. 21	Cleveland Milling & Supply Co	Gladstone	Flour	5	....	5	....	1912
Nov. 21	Delta County Reporter	Gladstone	Printed matter	2	1	3	....	1888
Nov. 21	Dhondts Bakery	Gladstone	Baked goods	2	....	2	....	1910
Nov. 21	Duchaine, Ed	Gladstone	Shoe repairing	2	....	2	....	1903
Nov. 21	Gladstone Steam Laundry	Gladstone	Laundry	2	3	5	....	1898
Nov. 21	Marble Arms & Mfg. Co	Gladstone	Sporting goods	30	4	34	....	1898
Nov. 21	Mason, Chas. E	Gladstone	Job printing	2	1	3	....	1886
Nov. 21	Miller, Wm. A	Gladstone	Blacksmithing	2	....	2	....	1895
Nov. 21	Minneapolis, St. Paul & St. Ste. Marie Ry. Co	Gladstone	Car repairing	81	....	81	....	1889
Nov. 21	Northwestern Cooperage & Lumber Co	Gladstone	Lumber	262	1	263	....	1901
Nov. 21	Olson & Anderson	Gladstone	Meats	4	....	4	....	1902
Nov. 22	Escanaba Lumber Co	Masonville	Lumber	52	....	52	....	1897
Nov. 22	White Marble Lime Co	Masonville	Lumber	25	....	25	....	1901
Nov. 21	Mashek Chemical & Iron Co	Wells	Alcohol	51	1	52	....	1898

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	DICKINSON COUNTY.							
Nov. 26	Anderson, Samuel	Iron Mountain	Meat	3	....	3	....	1910
Nov. 26	Arnold Bros	Iron Mountain	Meat	4	1	5	....	1906
Nov. 26	Bergland, John W	Iron Mountain	Job printing	3	2	5	....	1913
Nov. 26	Best Bros	Iron Mountain	Dairy products	3	1	4	....	1901
Nov. 25	City Laundry	Iron Mountain	Laundry	2	....	2	....	1909
Nov. 25	City Lumber Yard	Iron Mountain	Lumber	2	....	2	....	1888
Nov. 25	Creux, William	Iron Mountain	Cigars	3	....	3	....	1893
Nov. 25	Daily Tribune-Gazette, The	Iron Mountain	Printed matter	6	5	11	1	1883
Nov. 25	Garvey, John M	Iron Mountain	Feed and produce	2	....	2	....	1909
Nov. 26	Holfelts, J. R. Co	Iron Mountain	Building supplies	2	1	3	....	1887
Nov. 26	Home Bakery	Iron Mountain	Baked goods	3	1	4	....	1911
Nov. 25	Hunt, E. W. & Son	Iron Mountain	Blacksmithing	3	....	3	....	1906
Nov. 26	Iron Mountain Granite & Marble Wks.	Iron Mountain	Monuments	2	....	2	....	1901
Nov. 25	Iron Mountain Light & Fuel Co	Iron Mountain	Gas	3	1	4	....	1908
Nov. 26	Iron Mountain Press	Iron Mountain	Printed matter	5	3	8	....	1896
Nov. 26	Iron Mountain Shoe Repair Works	Iron Mountain	Shoe repairing	1	....	1	....	1912
Nov. 26	LaBrecque, A	Iron Mountain	Cigars	3	....	3	....	1912
Nov. 26	Laing, H. H	Iron Mountain	Lumber	2	....	2	....	1892
Nov. 25	Larson, L. J	Iron Mountain	Meats	3	....	3	....	1891
Nov. 25	Lundin, Victor E	Iron Mountain	Custom clothing	2	....	2	....	1893
Nov. 25	Michigan State Telephone Co	Iron Mountain	Telephone service	4	10	14	....	1893
Nov. 25	Morgan, Laura M	Iron Mountain	Millinery	.....	2	2	....	1905
Nov. 25	Morris & Co	Iron Mountain	Meat	5	....	5	....	1889
Nov. 25	Moy, A. Lon	Iron Mountain	Laundry	3	....	3	....	1898
Nov. 25	Nelson & Carlson	Iron Mountain	Meat	4	....	4	....	1908
Nov. 25	Nelson, N	Iron Mountain	Baked goods	4	....	4	....	1893
Nov. 25	Obermeyer, John	Iron Mountain	Plumbing	3	1	4	....	1898
Nov. 24	Oliver Mining Co	Iron Mountain	Iron ore	641	....	641	....	1880
Nov. 26	Parmelee, E. D	Iron Mountain	Building material	7	....	7	....	1910
Nov. 25	Pederson, Gust	Iron Mountain	Shoe repairing	2	....	2	....	1886
Nov. 24	Pewabic Co	Iron Mountain	Iron ore	422	....	422	....	1887
Nov. 25	Rousselle, Z. P	Iron Mountain	Leather goods	3	....	3	....	1893
Nov. 25	Rundle, A. J	Iron Mountain	Mining supplies	5	....	5	....	1888
Nov. 25	Sanitary Laundry, The	Iron Mountain	Laundry	3	7	10	....	1910
Nov. 26	Schettler, Wm	Iron Mountain	Cigars	2	....	2	....	1912
Nov. 26	Starneuld, Adolph	Iron Mountain	Meat	3	....	3	....	1913
Nov. 26	VonPlaten Lumber Co	Iron Mountain	Lumber	133	....	133	....	1909
Nov. 25	Wells, Fargo & Co	Iron Mountain	Express service	3	....	3	....	1910
Nov. 25	Wills & Carbis	Iron Mountain	Meat	4	....	4	....	1905
Nov. 28	Anderson, John E. & Co	Norway	Meat	3	....	3	....	1909
Nov. 28	Blats, Val Brewing Co	Norway	Beer	4	....	4	....	1883
Nov. 28	Current, The	Norway	Printed matter	4	1	5	....	1885
Nov. 28	DeRoeck, A. J	Norway	Baked goods	2	....	2	....	1900
Nov. 28	Hoheisel, John	Norway	Baked goods	3	1	4	....	1906
Nov. 28	Johnson, John S	Norway	Shoe repairing	2	....	2	....	1913
Nov. 28	Martin, Mrs. D. W	Norway	Millinery	.....	2	2	....	1902
Nov. 28	Michigan State Telephone Co	Norway	Telephone service	2	3	5	....	1893
Nov. 28	Municipal Light & Water Plant	Norway	Light and water	5	....	5	....	1899
Nov. 28	Norway Bottling Works	Norway	Soft drinks	3	....	3	....	1896
Nov. 28	Norway Garage Co	Norway	Auto repairing	3	....	3	....	1910
Nov. 28	Oliver Mining Co	Norway	Iron ore	301	....	301	....	1886
Nov. 28	O. C. Lumber Co	Norway	Lumber	5	....	5	....	1909
Nov. 28	Ramsdell, W. M	Norway	Tinning	4	....	4	....	1885
Nov. 28	Vanderheyden, Alb. A	Norway	Custom clothing	2	1	3	....	1907
Nov. 28	Wickstrom, John C	Norway	Meat	6	....	6	....	1902
Nov. 29	Marmelli, Otto	Vulcan	Meat	5	....	5	....	1893
Nov. 29	Penn Mining Co	Vulcan	Iron ore	839	1	840	....	1882

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	EATON COUNTY.							
Aug. 26	Bellevue Gazette, The	Bellevue	Printed matter	2	1	3	....	1870
Oct. 30	Bellevue Lighting Co., The	Bellevue	Electricity	3	....	3	....	1909
Aug. 26	Bellevue Milling Co., The	Bellevue	Flour and feed	2	....	2	....	1901
Aug. 8	Brown, F. A	Bellevue	Grain and beans	4	16	20	1	1905
Oct. 30	Brown, Mrs. G. W	Bellevue	Millinery	.....	2	2	....	1910
July 16	Burt Portland Cement Co	Bellevue	Cement	154	....	154	....	1904
Aug. 8	Cargo & Owen	Bellevue	Grain and beans	4	11	15	3	1908
Oct. 30	Citizens Telephone Co	Bellevue	Telephone service	1	4	5	....	.....
Aug. 26	Court, James & Son	Bellevue	Farm produce	3	1	4	....	1886
Oct. 30	Egner Bros	Bellevue	Wagon repairing	2	....	2	....	1911
Oct. 30	Ebinger, Miss Clara	Bellevue	Millinery	.....	2	2	....	1911
Oct. 30	French Dry Cleaning Works	Bellevue	Dry cleaning	1	....	1	....	1910
Aug. 26	Gould, Clyde	Bellevue	Auto repairing	1	....	1	....	1905
Aug. 26	Hager, A. J	Bellevue	Lumber	3	....	3	....	1907
Oct. 30	Hoeflinger Bros	Bellevue	Baked goods	3	1	4	....	1911
Oct. 30	Lynch Bros	Bellevue	Wagon repairing	2	....	2	....	1912
Aug. 26	Stevens, Ray E	Bellevue	Dairy products	3	1	4	....	1905
Oct. 30	Artificial Ice Co	Charlotte	Ice	6	....	6	....	1908
July 16	Beach Mfg. Co	Charlotte	Castings	25	2	27	....	1903
July 15	Belding & Co	Charlotte	Beans, grain, etc	3	41	44	....	1896
Aug. 26	Carr, R. W	Charlotte	Monuments	3	....	3	....	1905
Aug. 27	Cass Cigar Co., The	Charlotte	Cigars	5	....	5	2	1913
July 16	Charlotte Chair Co	Charlotte	Chairs	41	....	41	....	1913
July 15	Charlotte Leader	Charlotte	Printed matter	6	3	9	2	1858
July 15	Charlotte Mfg. Co	Charlotte	Tables	70	2	72	....	1873
July 16	Charlotte Republican	Charlotte	Printed matter	8	....	8	....	1856
July 16	Charlotte Steam Laundry	Charlotte	Laundry	3	3	6	....	1905
July 15	Charlotte Tribune	Charlotte	Printed matter	7	2	9	....	1888
Aug. 27	Charlotte Water Works	Charlotte	Water	3	....	3	....	1886
Oct. 30	Cleaver, Rozzie	Charlotte	Millinery	.....	2	2	....	1913
July 16	Clover-Leaf Creamery Co	Charlotte	Dairy products	6	1	7	....	1908
Aug. 27	Colburn, Fulton Lumber Co	Charlotte	Lumber and coal	8	1	9	....	1908
Aug. 26	Consumers Power Co	Charlotte	Light and power	4	....	4	....	1908
Aug. 27	Duplex-Power Car Co	Charlotte	Auto Trucks	5	1	6	....	1909
Oct. 30	Eaton County Telephone Co	Charlotte	Telephone service	3	7	10	....	1886
July 16	Fenn Mfg. Co., The	Charlotte	Tools, etc	24	....	24	....	1902
July 16	Fritz, J. A	Charlotte	Auto repairing	2	....	2	....	1912
Oct. 30	Geddes, W	Charlotte	Custom clothing	5	8	13	....	1892
Aug. 27	Gulde, Philip	Charlotte	Repairing	2	....	2	....	1879
July 15	Hancock Mfg. Co	Charlotte	Brass goods	70	....	70	....	1907
Oct. 30	Herbst, J. N	Charlotte	Custom clothing	1	....	1	....	1901
Oct. 30	Jackle, Jacob	Charlotte	Repairing	1	....	1	....	1870
Oct. 30	Kauffman Tailoring Co	Charlotte	Tailoring	1	....	1	....	1896
Oct. 30	Kempland, Mrs. L	Charlotte	Millinery	.....	3	3	....	1911
Aug. 26	Krogman, L. J	Charlotte	Plumbing	2	1	3	....	1903
Oct. 30	Ludlow, W. J	Charlotte	Shoe repairing	2	....	2	....	1913
July 15	McGill, J. A	Charlotte	Bicycle repairing	2	....	2	....	1895
Aug. 27	McLaren, J. D. Co., Inc	Charlotte	Grain and beans	2	....	2	....	1909
Aug. 27	MacLeod, Norman	Charlotte	Baked goods	2	1	3	....	1912
Aug. 27	Marple, Frank D	Charlotte	Baked goods	3	1	4	....	1886
Oct. 30	Mead, Jennie	Charlotte	Millinery	.....	3	3	....	1892
Aug. 27	Michie, Jacob	Charlotte	Cigars	2	....	2	....	1893
Aug. 26	Miller & Hamilton	Charlotte	Lumber, etc	5	....	5	....	1899
Oct. 30	Miller, J. L	Charlotte	Harness	1	....	1	....	1884
Oct. 31	Model Packing Co., The	Charlotte	Canned goods	11	8	19	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	EATON CO.—*Con.*							
Aug. 27	Munch, O. J. Mfg. Co	Charlotte	Registers	3	....	3	....	1911
Aug. 26	New Charlotte Gas Co	Charlotte	Gas and coke	7	1	8	....	1904
Aug. 27	Packard, Orrin C	Charlotte	Flour and grain	8	1	9	....	1865
Aug. 26	Parish Bros	Charlotte	Plumbing	4	1	5	....	1910
Oct. 30	Pierson, H. N. & Co	Charlotte	Harness	3	....	3	....	1898
Aug. 27	Sattler, George W	Charlotte	Cigars	2	....	2	....	1898
Aug. 27	Scott Mfg. Co	Charlotte	Interior finish	2	....	2	....	1909
July 16	Shepherd, L. H. Co., The	Charlotte	Beans and grain	6	73	79	3	1888
Oct. 30	Thynge, Mrs. Irene L	Charlotte	Millinery	.....	2	2	....	1898
Aug. 26	Voorheis, F. C. & Co	Charlotte	Flour and feed	2	....	2	....	1911
Oct. 31	Armstrong Harness Co	Eaton Rapids	Harness	1	....	1	....	1912
Aug. 27	Blake, D	Eaton Rapids	Flour and feed	3	....	3	....	1906
Oct. 31	Chaffee, Rose	Eaton Rapids	Millinery	.....	2	2	....	1887
Aug. 4	City Laundry	Eaton Rapids	Laundry	1	2	3	....	1908
Aug. 5	Crane & Crane	Eaton Rapids	Grain, beans, etc	2	1	3	....	1908
Aug. 27	DeCoursey, J	Eaton Rapids	Monuments	1	....	1	....	1873
Aug. 4	Derby Medicine Co	Eaton Rapids	Medicine	2	....	2	....	1907
Aug. 27	Eaton Rapids Light & Water Works	Eaton Rapids	Light and water	4	....	4	....	1898
Aug. 5	Eaton Rapids Review, The	Eaton Rapids	Printed matter	3	1	4	....	1880
Aug. 4	Eaton Rapids Woolen Mills	Eaton Rapids	Woolen yarn	106	51	157	1	1881
Aug. 5	Fowler, W. F	Eaton Rapids	Plumbing, etc	2	....	2	....	1910
Aug. 27	Hamman's Garage	Eaton Rapids	Auto repairing	1	....	1	....	1912
Aug. 4	Island City Mill	Eaton Rapids	Flour	2	....	2	....	1904
Oct. 31	Island City Pickle Co	Eaton Rapids	Pickles	11	4	15	....	1900
Aug. 5	Journal Publishing Co	Eaton Rapids	Printed matter	4	....	4	....	1862
Oct. 31	Luts, I. L	Eaton Rapids	Shoe repairing	1	....	1	....	1913
Oct. 31	Marple, A. C	Eaton Rapids	Baked goods	2	1	3	....	1912
Aug. 4	Mix, E. F	Eaton Rapids	Flour, feed, etc	2	....	2	....	1903
Aug. 27	New Charlotte Gas Co	Eaton Rapids	Gas	3	1	4	....	1912
Aug. 5	Rulison, R. M	Eaton Rapids	Auto repairing	2	....	2	....	1913
Oct. 31	Savage, Mrs. D. L	Eaton Rapids	Millinery	.....	2	2	....	1913
Aug. 4	Smith, A. M. & Co	Eaton Rapids	Dairy products	8	3	11	....	1902
Aug. 27	Smith, H. W	Eaton Rapids	Tire repairing	1	....	1	....	1913
Oct. 31	Stirling & Crawford	Eaton Rapids	Baked goods	4	....	4	....	1887
Aug. 5	Strong, N. A., No. 1	Eaton Rapids	Feed and beans	5	12	17	....	1883
Aug. 5	Strong, N. A., No. 2	Eaton Rapids	Beans, grain, etc	2	12	14	....	1883
Oct. 31	Swisher, Leslie	Eaton Rapids	Cleaning and pressing	1	....	1	....	1912
Oct. 31	True Mfg. Co	Eaton Rapids	Hay and stock racks	6	1	7	....	1903
Oct. 31	Young, Mrs. A. P	Eaton Rapids	Millinery	.....	2	2	....	1911
Aug. 5	Dimondale Milling Co	Dimondale	Flour and feed	2	....	2	....	1911
Aug. 5	Dimondale News, The	Dimondale	Printed matter	1	1	2	....	1890
Aug. 28	Anderson, F. A	Grand Ledge	Monuments	4	....	4	....	1911
Aug. 28	City Iron Works	Grand Ledge	Machinery	5	....	5	....	1890
Aug. 7	City Steam Laundry	Grand Ledge	Laundry	3	3	6	1	1899
Aug. 28	Commonwealth Power Co	Grand Ledge	Electricity	3	1	4	....	1908
Aug. 6	Crawford Chair Co	Grand Ledge	Chairs	128	8	136	6	1895
Aug. 28	Dean, Clarence J	Grand Ledge	Baked goods	2	1	3	....	1905
Aug. 7	Doty & Doty	Grand Ledge	Grain and beans	4	5	9	....	1901
Aug. 6	Grand Ledge Chair Co	Grand Ledge	Chairs	128	10	138	....	1885
Aug. 6	Grand Ledge Clay Products Co	Grand Ledge	Sewer pipe and tile	86	....	86	....	1906
Aug. 28	Grand Ledge Gas Co	Grand Ledge	Gas	6	1	7	....	1903
Aug. 7	Grand Ledge Independent, The	Grand Ledge	Printed matter	3	2	5	....	1869
Aug. 7	Grand Ledge Mfg. Co	Grand Ledge	Interior finish	1	....	1	....	1908
Aug. 28	Grand Ledge Paint Co	Grand Ledge	Paints	7	....	7	....	1907
Aug. 6	Grand Ledge Sewer Pipe Co	Grand Ledge	Sewer pipe	78	....	78	1	1890

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	EATON CO.—*Con.*							
Aug. 7	Grand Ledge Times, The	Grand Ledge	Printed matter	2	2	4	....	1886
Aug. 28	Ireland, W. L. & Co.	Grand Ledge	Grain and beans	3	7	10	....	1906
Aug. 7	Ledge Job Rooms, The	Grand Ledge	Job printing	1	1	2	....	1906
Aug. 28	Monitor Flouring Mills	Grand Ledge	Flour and feed	3	....	3	....	1873
Aug. 28	Summers, J. D.	Grand Ledge	Lumber	3	....	3	....	1899
Aug. 7	Townsend, T. G.	Grand Ledge	Cigars	2	1	3	....	1888
Aug. 28	Walsh, J. C. & Son	Grand Ledge	Auto repairing	2	1	3	....	1903
Aug. 28	West & Baldwin	Grand Ledge	Baked goods	7	....	7	1	1912
Aug. 28	Lawrence, A. E.	Mulliken	Grain and beans	3	14	17	....	1898
Aug. 28	Mulliken Creamery Co.	Mulliken	Dairy produce	2	....	2	....	1900
Aug. 8	Olivet Mills, The	Olivet	Flour and feed	2	....	2	....	1908
Aug. 8	Olivet Optic, The	Olivet	Printed matter	4	....	4	....	1889
Aug. 26	Potterville Press, The	Potterville	Printed matter	1	....	1	....	1897
Aug. 26	Stockbridge Elevator Co.	Potterville	Grain and beans	2	20	22	....	1903
Aug. 28	Brady, Eugene	Sunfield	Repairing	1	....	1	....	1913
Aug. 28	Healy, Chas.	Sunfield	Auto repairing	2	....	2	....	1912
Aug. 28	Sunfield Milling Co.	Sunfield	Flour and feed	3	....	3	....	1893
Aug. 28	Sunfield Sentinel	Sunfield	Printed matter	1	1	2	....	1888
Aug. 28	Triphagen, Geo. H.	Sunfield	Beans and grain	2	....	2	....	1912
Aug. 15	Anderson, C. A.	Vermontville	Grain and feed	3	....	3	....	1908
Aug. 15	Lackey & Son	Vermontville	Building supplies	3	....	3	....	1909
Aug. 15	Vermontville Creamery	Vermontville	Dairy products	3	....	3	....	1893
Aug. 15	Vermontville Echo, The	Vermontville	Printed matter	3	1	4	....	1874
Aug. 29	Smith Bros., Velte & Co.	Woodbury	Grain and beans	3	....	3	....	1891
	EMMET COUNTY.							
July 24	Alanson Woodenware Co.	Alanson	Woodenware	19	....	19	....	1892
July 24	Oleson & Ormsby	Alanson	Shingles and lumber	16	1	17	....	1902
July 31	Bay View Water Works	Bay View	Water	4	....	4	....	1893
July 30	Coveryou Bros. Mill	Bear Creek	Lumber	10	....	10	....	1908
Aug. 5	Hinkley, D. H.	Brutus	Broom handles	26	....	26	....	1901
Aug. 5	Maxfield, L. A.	Brutus	Lumber	9	....	9	....	.....
Aug. 7	Vought, C. N.	Carp Lake	Lumber	4	....	4	....	1909
Aug. 7	Emmet Lumber Co.	Cecil	Lumber and shingles	46	1	47	....	1901
Aug. 7	Sullivan, J.	Cross Village	Lumber	6	....	6	....	.....
July 30	Lyons Mill	Epsilon	Lumber	7	....	7	....	1889
July 19	Clark's Printery	Harbor Springs	Job printing	3	....	3	....	1912
Aug. 22	Cornell, W. H.	Harbor Springs	Meat	6	1	7	....	1906
July 10	Crowl Lumber Co.	Harbor Springs	Lumber	39	....	39	....	1902
July 19	Dewitt & Kelly	Harbor Springs	Building materials	12	....	12	....	1906
Aug. 22	Doty, A. Jay	Harbor Springs	Blacksmithing	3	....	3	....	1909
July 19	Hankey Milling Co.	Harbor Springs	Grain, etc.	3	....	3	....	1883
July 10	Harbor Springs Handle Co.	Harbor Springs	Broom handles	21	....	21	....	1903
July 18	Harbor Springs Light & Water Plant	Harbor Springs	Light and water	9	....	9	....	1908
July 18	Harbor Springs Lumber Co.	Harbor Springs	Lumber and staves	79	....	79	....	1904
July 19	Harbor Springs Republican, The	Harbor Springs	Printed matter	3	1	4	....	1876
July 19	Harbor Springs Steam Laundry	Harbor Springs	Laundry	7	5	12	1	1912
July 18	Lamb Boat Works	Harbor Springs	Boats	5	....	5	....	1903
July 18	Melching Boat Works	Harbor Springs	Boats	5	....	5	....	1903
July 19	Robinson, Chas. & Co.	Harbor Springs	Lumber	8	....	8	....	1905
July 18	Shay, E. & Son	Harbor Springs	Repairing	4	....	4	....	1885
Aug. 22	Thompson, Geo. H.	Harbor Springs	Blacksmithing	2	....	2	....	1905
Aug. 22	Walrond & Friend	Harbor Springs	Hardware	5	1	6	....	1902
July 29	Petoskey Crushed Stone Co.	Lamson	Crushed stone	33	1	34	....	1909
Aug. 7	Reiter, J. E.	Levering	Lumber and shingles	11	....	11	....	1906
July 25	Cheboygan Electric Light & Power Co.	Pellston	Light and power	4	....	4	....	.....

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	EMMET CO.—*Con.*							
July 25	Jackson & Jackson Shingle Mill	Pellston	Shingles	18	....	18	....	1901
July 25	Jackson & Tindal Lumber Co	Pellston	Lumber, handles, etc	311	1	312	....	1901
July 25	Pellston Planing Mill & Lumber Co	Pellston	Lumber	59	1	60	....	1912
Aug. 20	Angelbeck, W	Petoskey	Custom clothing	3	1	4	....	1901
July 14	Antrim Lime Co	Petoskey	Lime and stone	19	....	19	....	1894
July 16	Baines Boat Works	Petoskey	Boats	4	....	4	....	1912
Jan. 13	Bear River Paper Co	Petoskey	Paper	100	7	107	....	1901
July 8	Blackmer Rotary Co	Petoskey	Pumps	12	1	13	....	1904
July 30	Boelio & Son	Petoskey	Wood and coal	7	1	8	....	1905
July 9	Bon Ton Mfg. Co	Petoskey	Piano benches	11	1	12	....	1912
July 8	Burnett Foundry & Machine Co	Petoskey	Castings	6	....	6	....	1880
Aug. 19	Boyajian Bros	Petoskey	Candy	8	2	10	1	1907
Aug. 18	Bump & McCabe	Petoskey	Hardware, etc	10	....	10	....	1890
July 17	Churchill Printery, The	Petoskey	Job printing	15	....	15	....	1875
July 9	City Electric Light Plant	Petoskey	Light	12	1	13	....	1890
July 9	City Water Works	Petoskey	Water	5	....	5	....	1878
July 21	Crystal Ice Co	Petoskey	Ice	7	1	8	....	1893
July 17	Darling & Beahan Seed Co	Petoskey	Seeds	11	2	13	....	1895
July 14	Dearmont, C. A	Petoskey	Brick and tile	12	....	12	....	1883
Aug. 22	Ditto, Charles J	Petoskey	Plumbing	4	....	4	....	1900
Aug. 19	Doherty Bros	Petoskey	Meats	2	....	2	....	1908
Aug. 21	Feldman, J	Petoskey	Hides, wool and furs	9	....	9	....	1900
Aug. 19	Gix	Petoskey	Custom clothing	3	....	3	....	1895
July 15	Golden, Roy	Petoskey	Auto repairing	4	1	5	....	1913
July 14	Grand Rapids & Indiana R. R. Co	Petoskey	Repairing	9	....	9	....	1894
Aug. 31	Hamill, Herbert	Petoskey	Meats	4	1	5	....	1902
July 14	Hankey Milling Co	Petoskey	Flour and feed	16	....	16	....	1881
Aug. 20	Hat Shop, The	Petoskey	Millinery	.....	5	5	....	1912
Aug. 21	Hitchings, J. J	Petoskey	Meat	2	....	2	....	1906
July 22	Hotel Perry Laundry	Petoskey	Laundry	1	4	5	....	1903
July 14	H. & S. Co	Petoskey	Tire filler	5	....	5	....	1913
July 16	Karamol, John	Petoskey	Cigars	7	2	9	....	1910
Aug. 22	Kleber, John	Petoskey	Wagons and repairing	2	....	2	....	1890
July 21	Konltis, Geo	Petoskey	Ice cream	6	....	6	....	1903
Aug. 23	Leismer, H. & Son	Petoskey	Plaster, cement, etc	3	1	4	....	1893
Aug. 19	Lewis, Fry	Petoskey	Baked goods	4	1	5	....	1913
Aug. 21	Little Will, Jeweler	Petoskey	Jewelry	4	2	6	....	1873
Aug. 19	McCarthy, Miss E	Petoskey	Millinery	.....	4	4	....	1908
Aug. 21	McDermott, W. R	Petoskey	Blacksmithing	2	....	2	....	1895
July 7	McManus, W. L. Lumber Co	Petoskey	Lumber	35	1	36	....	1876
July 17	Michigan Boat Works, The	Petoskey	Boats	4	....	4	....	1903
July 16	Michigan Tanning & Extract Co	Petoskey	Leather	145	....	145	....	1885
July 17	New Era Rug Mfg. Co	Petoskey	Rugs	2	....	2	....	1903
July 14	Northern Auto Co	Petoskey	Auto repairing	10	1	11	....	1912
Aug. 18	Northern Hardware Co	Petoskey	Hardware, etc	11	1	12	....	1909
July 14	Northern Lime Co	Petoskey	Lime and stone	46	1	47	....	1880
Aug. 18	Oldham, James	Petoskey	Harness	3	....	3	....	.....
Aug. 18	Olson, C. A	Petoskey	Meats	4	....	4	....	1896
July 21	Osborne, D. C	Petoskey	Seeds	5	....	5	....	1882
Aug. 18	Overholt, L. N. & Co	Petoskey	Baked goods	13	....	13	....	1901
Aug. 22	Paige, Charles A	Petoskey	Blacksmithing	3	....	3	....	1909
Aug. 21	People's Sheet Metal Shop, The	Petoskey	Sheet metal	3	....	3	....	1913
July 21	Pere Marquette R. R. Co	Petoskey	Car repairing	22	....	22	....	1893
July 17	Petoskey & Bay Shore Gas Co	Petoskey	Gas	8	2	10	....	1903
July 7	Petoskey Block & Mfg. Co	Petoskey	Meat blocks	40	2	42	....	1903
July 9	Petoskey Boat Co	Petoskey	Boats	5	....	5	....	1891
July 21	Petoskey Brewing Co	Petoskey	Beer	8	1	9	....	1902
Aug. 22	Petoskey Cigar Factory, The	Petoskey	Cigars	5	....	5	....	1887
Aug. 19	Petoskey Cleaning & Tailoring Co	Petoskey	Custom clothing	4	....	4	....	1907
Aug. 6	Petoskey Grocery Co., The	Petoskey	Provisions	14	1	15	....	1900

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	EMMET CO.—*Con.*							
Aug. 19	Petoskey Hardware Co	Petoskey	Hardware, etc	15	1	16	....	1911
July 8	Petoskey Iron Works	Petoskey	Mill supplies	6	....	6	....	1885
July 15	Petoskey Record, The	Petoskey	Printed matter	5	....	5	....	1897
July 17	Petoskey Rug Mfg. Co	Petoskey	Rugs	6	....	6	....	.....
July 9	Petoskey Steam Laundry Co	Petoskey	Laundry	5	18	23	1	1910
Aug. 20	Scattergood Bros	Petoskey	Awnings, etc	5	1	6	....	1910
Aug. 19	Smith & Lake	Petoskey	Provisions	18	2	20	....	1901
July 14	Standard Oil Co	Petoskey	Oil and gasoline	4	1	5	....	1890
Aug. 20	Sullivan, C. E	Petoskey	Provisions	2	1	3	....	1899
Aug. 19	Van Heulen & Tien, Misses	Petoskey	Millinery	.....	7	7	....	1910
July 14	Williams Ice Cream Co	Petoskey	Dairy products	5	1	6	....	1890
July 30	Winnie, S. M	Petoskey	Wood and coal	5	....	5	....	.....
Aug. 18	Woman's Exchange	Petoskey	Baked goods	1	4	5	....	1906
Aug. 7	Klise, A. B. Lumber Co	Sturgeon Bay	Lumber and staves	46	1	47	....	.....
July 29	Pfeifler & Burch	Wab-me-mei	Shingles and lumber	32	1	33	....	.....
	GENESEE COUNTY.							
Sept. 8	Atlas Tile Co	Atlas	Brick and tile	6	....	6	....	1884
Sept. 8	Atlas Roller Mills	Atlas	Flour and feed	2	....	2	....	1907
Sept. 8	Detroit United Railway	Atlas	Electricity	2	....	2	....	1902
Aug. 23	Clio Messenger, The	Clio	Printed matter	3	....	3	....	1901
Aug. 23	Houghton, F. M. & Co	Clio	Grain and beans	9	21	30	....	1880
Aug. 23	Shorton, E	Clio	Cigars	2	1	3	....	1912
Aug. 23	Wright, L. A. Co	Clio	Woodwork and lumber	9	....	9	....	1906
Sept. 10	Auto Repair Shop	Davison	Auto repairing	2	....	2	....	1913
Sept. 10	Burroughs-Wolohan Elevator Co	Davison	Farm produce	4	20	24	....	1909
Sept. 10	Davison Electric Light Co	Davison	Electricity	2	....	2	....	1911
Sept. 10	Davison Index, The	Davison	Printed matter	1	1	2	....	1889
Sept. 10	Davison Telephone Co	Davison	Telephone service	2	3	5	....	1908
Sept. 10	Mamro, John	Davison	Wagon repairing	2	....	2	....	1903
Sept. 10	Shaw & Cooney Creamery Co	Davison	Dairy products	3	....	3	....	1906
Sept. 10	Uptegraff, W. H. & Co	Davison	Brick and tile	4	....	4	....	1885
Sept. 12	Devereaux, The	Fenton	Ice cream	3	1	4	....	1909
Sept. 12	Fenton Courier, The	Fenton	Printed matter	1	2	3	....	1884
Sept. 12	Fenton Elevator Co	Fenton	Farm produce	4	16	20	....	1910
Sept. 12	Fenton Granite Works	Fenton	Monuments	2	....	2	....	1887
Sept. 12	Fenton Flouring Mills	Fenton	Flour and feed	3	9	12	....	1909
Sept. 12	Fenton Independent, The	Fenton	Printed matter	3	....	3	....	1868
Sept. 12	Fenton Light & Power Co	Fenton	Light and power	5	1	6	....	1892
Sept. 12	Fenton Steam Laundry, The	Fenton	Laundry	4	....	4	....	1910
Sept. 12	Fenton Water Works	Fenton	Water	2	....	2	....	1889
Sept. 12	Halpin Creameries, The	Fenton	Dairy products	3	....	3	....	1898
Sept. 12	Imperial Marble & Granite Works	Fenton	Monuments	2	....	2	....	1905
Sept. 12	Murphy, Dennis	Fenton	Lumber, etc	3	....	3	....	1901
Sept. 12	New Aetna Portland Cement Co	Fenton	Cement	107	....	107	....	1911
Sept. 12	Phillips, A. J. Co	Fenton	Woodworking	3	....	3	....	1894
Sept. 12	Stoddard, W. A	Fenton	Auto repairing	3	1	4	....	1912
Sept. 12	Walker Mfg. Co	Fenton	Machine parts	14	....	14	....	1901
Sept. 12	Williams, Lamberson & Co	Fenton	Farm products	4	....	4	....	1912
Aug. 15	Ames & Church	Flint	Plumbing	12	1	13	....	1907
July 29	American Laundry	Flint	Laundry	9	31	40	....	1890
July 9	Armstrong, J. B. Mfg. Co	Flint	Buggy springs	71	1	72	....	.....
Dec. 31	Au Sable Electric Co	Flint	Electricity	18	....	18	....	1910
July 23	Barney Granite & Marble Works	Flint	Monuments	12	1	13	....	1887
Dec. 9	Benedict, Madam	Flint	Millinery	.....	1	1	....	1900
Sept. 15	Brown & Maynard	Flint	Cigars	9	3	12	....	1907
Dec. 9	Bieck, Geo. M	Flint	Custom clothing	2	2	4	....	1895

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Factory Inspection.—Continued.

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	GENESEE CO.—*Con.*							
July 18	Buick Motor Co	Flint	Automobiles	4,625	65	4,700	7	1906
July 23	Burroughs, J. P. & Son	Flint	Feed	38	96	134	....	1884
July 14	Champion Ignition Co	Flint	Spark plugs	41	52	93	....	1909
Dec. 2	Christie Shop	Flint	Millinery	.....	9	9	....	1909
Aug. 15	Cook Car Journal Cooler Co., The	Flint	Journal coolers	3	....	3	....	1904
Sept. 15	Cooper Valve & Machine Co	Flint	Machine repairing	3	....	3	....	1912
Sept. 15	Cotharin, G. V	Flint	Cleaning and pressing	5	2	7	....	1907
Aug. 7	Dain & Vermilya	Flint	Coal and wood	12	3	15	....	1907
Aug. 13	Detroit United Railway Co	Flint	Passenger service	87	1	88	....	1904
Aug. 5	Durant-Dort Carriage Co	Flint	Carriages	331	12	343	....	1882
Sept. 15	Ephraim, M	Flint	Cigars	8	2	10	....	1870
Dec. 29	Flint Cement Tile & Brick Co	Flint	Cement tile	8	....	8	....	1909
Sept. 15	Flint Cigar Co	Flint	Cigars	13	11	24	....	1891
Aug. 13	Flint City Water Works	Flint	Water	73	2	75	....	1883
Dec. 29	Flint Daily Journal, The	Flint	Printed matter	37	12	49	....	1911
July 14	Flint Electric Co	Flint	Electricity	17	4	21	....	1884
Dec. 31	Flint Flashes Printing Co	Flint	Printed matter	2	1	3	....	1910
Dec. 29	Flint Fluff Rug Co	Flint	Rugs and carpets	1	1	2	....	1911
Dec. 29	Flint Gas Co	Flint	Gas	81	8	89	....	1904
Aug. 14	Flint Lumber Co	Flint	Lumber	15	1	16	....	1909
Sept. 15	Flint Pattern & Foundry Co	Flint	Castings	6	1	7	....	1909
Dec. 27	Flint Printing Co., The	Flint	Printed matter	16	12	28	....	1911
July 24	Flint Sandstone Brick Co	Flint	Brick and tile	5	....	5	....	1908
Aug. 14	Flint Scrap Iron & Metal Co	Flint	Junk	7	1	8	....	1908
Aug. 13	Flint Sheet Metal Works	Flint	Metal signs	4	1	5	....	1913
July 8	Flint Specialty Co	Flint	Whip sockets	13	1	14	....	1902
Dec. 30	Flint Spring Water Ice Co	Flint	Ice	34	1	35	....	1912
July 13	Flint Varnish Works	Flint	Varnish	82	21	103	....	1904
Aug. 14	Flint Vulcanizing Co	Flint	Auto supplies	3	1	4	....	1912
July 22	Flint Wagon Works	Flint	Wagons	400	11	411	....	1880
Sept. 15	Freeman Dairy Co	Flint	Dairy products	7	1	8	....	1913
Dec. 30	Genesee Engineering & Mfg. Co	Flint	Machine repairing	4	....	4	....	1910
Aug. 15	Genesee Iron Works	Flint	Machine repairing	7	1	8	....	1880
Dec. 30	Genesee Upholstering Co	Flint	Upholstering	2	1	3	....	1908
Dec. 2	Gillies	Flint	Custom clothing	2	3	5	....	1889
Aug. 16	Greisell Baking Co	Flint	Baked goods	34	1	35	....	1907
Dec. 9	Haas, C. H	Flint	Custom clothing	3	2	5	....	1872
Dec. 31	Hally, Howard	Flint	Laundry	3	1	4	....	1909
Aug. 11	Handy & Carroll	Flint	Millinery	.....	6	6	....	1908
Dec. 30	Hardy, J	Flint	Baked goods	8	....	8	....	1885
Dec. 31	Hasselbring, Florist	Flint	Flowers	4	3	7	....	1879
Dec. 30	Hauser Fur Co	Flint	Furs	2	3	5	....	1910
July 23	Hearsch-Wesson Mfg. Co	Flint	Wood work	15	1	16	....	1890
Aug. 16	Henderson Plumbing Co	Flint	Plumbing	7	1	8	....	1890
Aug. 13	Holmes, Geo	Flint	Plumbing	3	....	3	....	1907
Dec. 9	Home Baking Co	Flint	Baked goods	4	1	5	....	1909
July 29	Home Laundry Co	Flint	Laundry	12	37	49	....	1878
July 8	Houcan, M. E. Est	Flint	Lumber and woodwork	17	1	18	....	1888
Dec. 29	Hubbell-Jackson Printing Co	Flint	Job printing	7	1	8	....	1912
Aug. 8	Hughes Coal Co	Flint	Coal and wood	3	1	4	....	1902
July 8	Imperial Wheel Co	Flint	Wheels	123	3	126	....	1912
Aug. 12	Irquois Cigar Co	Flint	Cigars	16	31	47	....	1898
Dec. 30	Jellis, J. & Co	Flint	Feed	8	1	9	....	1897
Sept. 22	Jones, Glenn W	Flint	Cigars	7	2	9	....	1902
Sept. 22	Larkin & Miller	Flint	Plumbing	7	1	8	....	1908

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Factory Inspection.—Continued.

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	GENESEE CO.—*Con.*							
Dec. 30	Leeds Woolen Mills	Flint	Custom clothing	4	1	5	....	1910
July 29	Ling, Charles	Flint	Laundry	4	....	4	....	1908
Sept. 15	Lynch & Roser	Flint	Cigars	3	1	4	....	1906
Dec. 2	McPhee, Wm. H	Flint	Custom clothing	6	3	9	....	1901
July 8	Marvel Carburetor Works	Flint	Carburetors	52	18	70	2	1912
July 21	Mason Motor Co	Flint	Motors	108	3	111	....	1911
Aug. 11	Matherson, F. G	Flint	Coal and wood	7	1	8	....	1906
July 29	Mechanic Laundry	Flint	Laundry	4	4	8	....	1909
Dec. 31	Michigan Coal Co	Flint	Coal and wood	3	1	4	....	1909
Dec. 30	Michigan Lumber & Fuel Co	Flint	Lumber and coal	6	1	7	....	1909
Dec. 31	Michigan Motor Castings Co	Flint	Castings	237	11	248	....	1906
Dec. 31	Michigan Paint Co	Flint	Paints, etc	3	1	4	....	1900
Aug. 18	Michigan State Telephone Co	Flint	Telephone service	18	49	67	....	1879
Aug. 12	M. & S. Electric Co	Flint	Electrical supplies	6	1	7	....	1909
Sept. 13	Newitt, Herbert H	Flint	Plumbing	4	1	5	....	1910
Aug. 6	Oak Park Power Co	Flint	Electricity	42	....	42	....	1909
Dec. 30	Paris Candy Co	Flint	Candy	5	....	5	....	1910
July 22	Patterson, W. A	Flint	Buggies	274	8	282	....	1878
July 14	Peninsular Milling Co	Flint	Flour and feed	11	1	12	....	1904
Aug. 11	Pierson, F. J	Flint	Job printing	4	....	4	....	1892
Aug. 15	Princess Mfg. Co., The	Flint	Ladies' garments	3	22	25	....	1896
July 8	Randall Lumber Co	Flint	Lumber and coal	29	1	30	....	....
Dec. 30	Richey, David J	Flint	Cigars	2	....	2	....	1901
Sept. 15	Rippe, C	Flint	Cigars	5	1	6	....	1886
Sept. 13	Ryan, Patrick	Flint	Cigars	2	....	2	....	1913
Sept. 15	Sager, Wm. N	Flint	Plumbing	2	....	2	....	1903
Dec. 30	Seeley's Dyeing & Cleaning Works	Flint	Dyeing and cleaning	4	4	8	....	1899
Aug. 8	Shear, George W	Flint	Junk	6	1	7	....	1908
Sept. 15	Siemens & Heidtman	Flint	Machine repairing	2	....	2	....	1913
Dec. 9	Sills Electric Co	Flint	Electrical supplies	7	1	8	....	1909
Sept. 15	Simpson, L	Flint	Ice cream	3	2	5	....	1907
Dec. 31	Skinner Mfg. Co., The	Flint	Delivery carts	4	....	4	....	1908
Aug. 7	Standard Oil Co	Flint	Oils	11	....	11	....	1890
Sept. 22	Standard Rule Co., The	Flint	Steel tapes	25	7	32	....	1911
July 13	Stewart, W. F	Flint	Buggy bodies	155	1	156	....	1880
Aug. 12	Streat, F. R. & Son	Flint	Cigars	8	7	15	....	1912
Aug. 13	Tracy Bros	Flint	Ice cream	7	1	8	....	1908
Sept. 15	U. S. Brass & Iron Foundry	Flint	Castings	32	11	43	....	1913
Aug. 16	Valley Printing Co	Flint	Printed matter	8	1	9	....	1909
Sept. 15	Vehicle City Broom Factory	Flint	Brooms	2	....	2	....	1907
July 8	Veit & Davison	Flint	Lumber and coal	16	2	18	....	1909
Aug. 11	Veit & Perry	Flint	Harness	8	1	9	....	1887
July 9	Walker-Weiss Co	Flint	Axles	29	....	29	....	1912
Dec. 8	Washer, August	Flint	Custom clothing	2	1	3	....	1908
July 26	Weller & Austin	Flint	Job printing	4	9	13	....	1888
July 12	Weston-Mott Co	Flint	Axles and hubs	1,150	30	1,180	7	1905
Dec. 30	Wolverine Citizen, The	Flint	Printed matter	3	4	7	....	1850
Sept. 11	Backofen's Laundry	Flushing	Laundry	1	2	3	....	1906
Sept. 11	Beck Sprayer Co	Flushing	Sprayers	7	1	8	....	1911
Sept. 11	Electric Light & Water Works	Flushing	Light and water	2	....	2	....	1895
Sept. 11	Flushing Canning Co	Flushing	Canned goods	8	41	49	....	1912
Sept. 11	Flushing Observer	Flushing	Printed matter	2	1	3	....	1878
Sept. 11	Hankins, C. E. & Co	Flushing	Farm produce	4	21	25	....	1913
Sept. 11	Hart Milling & Power Co	Flushing	Flour and feed	5	1	6	....	1876
Sept. 11	Horner Cigar Co	Flushing	Cigars	2	1	3	....	1909

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Factory Inspection.—Continued.

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	GENESEE CO.—*Con.*							
Sept. 11	Riverside Mills, The	Flushing	Farm produce	1	....	1	....	1909
Sept. 11	Standard Butter Co	Flushing	Dairy products	5	2	7	....	1905
Sept. 12	Judson Bros	Gaines	Farm produce	3	14	17	....	1903
Sept. 12	McCann, Fred W	Gaines	Brick and tile	4	....	4	....	1903
Sept. 8	Burt, R	Goodrich	Blacksmithing	2	....	2	....	1908
Sept. 8	Goodrich Dairy Association	Goodrich	Dairy products	3	....	3	....	1906
Sept. 8	Goodrich Flour Mill	Goodrich	Flour and feed	2	....	2	....	1888
Sept. 6	Bush, Edward	Grand Blanc	Auto supplies	2	....	2	....	1909
Sept. 6	Crapser, J	Grand Blanc	Farm produce	5	....	5	....	1868
Sept. 6	Ellis, O. A	Grand Blanc	Dairy products	3	....	3	....	1910
Sept. 6	Grand Blanc Flour Mills	Grand Blanc	Flour and feed	2	....	2	....	1883
Sept. 12	Detroit Construction Co., Ltd	Linden	Electricity	3	....	3	....	1912
Sept. 12	Linden Elevator, The	Linden	Farm produce	2	10	12	....	1908
Sept. 12	Linden Milling Co	Linden	Flour and feed	3	1	4	....	1899
Sept. 12	Warner, S. K	Linden	Cider	2	....	2	....	1903
Sept. 12	Hughes, John	Mt. Morris	Castings	1	....	1	....	1903
Sept. 12	Lewis, Horton & Co	Mt. Morris	Farm produce	4	20	24	....	1905
Sept. 12	Mount Morris Mills	Mt. Morris	Flour and feed	2	....	2	....	1907
Sept. 12	Saginaw & Flint Railway	Mt. Morris	Electricity	2	....	2	....	1906
Sept. 11	Montrose Elevator Co	Montrose	Farm produce	5	25	30	....	1903
Sept. 11	Montrose Roller Mills	Montrose	Flour and feed	3	....	3	....	1903
Sept. 11	Montrose Home Creamery	Montrose	Dairy products	1	1	2	....	1911
Sept. 11	Montrose Record, The	Montrose	Printed matter	2	....	2	1	1895
Sept. 11	Shoup, M. M. & Son	Montrose	Auto supplies	2	....	2	....	1911
Aug. 23	Burroughs, J. P. & Son	Otisville	Grain and beans	2	10	12	....	1909
Aug. 23	Hart, Peter J	Otisville	Feed	3	....	3	....	1898
Aug. 23	Otisville Butter Co	Otisville	Dairy products	3	....	3	....	1908
Aug. 23	Otisville Star	Otisville	Printed matter	2	....	2	....	1907
Sept. 12	Lutz & Schramm Co	Swartz Creek	Pickles	7	1	8	....	1912
Sept. 12	Swartz Creek Grain Co	Swartz Creek	Farm produce	5	16	21*	....	1912
	GLADWIN COUNTY.							
Oct. 14	Beaverton Butter Co	Beaverton	Dairy products	3	....	3	....	1912
Oct. 14	Beaverton Elevator Co	Beaverton	Beans and grain	8	42	50	....	1902
Oct. 14	Beaverton Light & Power Co	Beaverton	Light and power	2	....	2	....	1898
Oct. 14	Farmers & Builders Supply Co	Beaverton	Lumber	3	....	3	....	1911
Oct. 14	Libby, McNeill & Libby	Beaverton	Pickles	3	....	3	....	1910
Oct. 14	Miles, H. C	Beaverton	Lumber	4	....	4	....	1903
Oct. 15	Brown & Vanest	Gladwin	Lumber	2	....	2	....	1888
Oct. 14	Carbeno, Charles C	Gladwin	Blacksmithing	2	....	2	....	1912
Oct. 15	Dawe, W. H	Gladwin	Farm products	3	....	3	....	1892
Oct. 14	Dow & Ballard	Gladwin	Lumber	4	....	4	....	1893
Oct. 14	Dow, H. L. & Co	Gladwin	Auto repairing	2	....	2	....	1910
Oct. 14	Flynn, F. J	Gladwin	Hay, grain, etc	4	1	5	....	1909
Oct. 15	Fries & Bradley	Gladwin	Blacksmithing	3	....	3	....	1912
Oct. 14	Gladwin Butter Co	Gladwin	Dairy products	6	....	6	....	1911
Oct. 15	Gladwin County Record	Gladwin	Printed matter	5	1	6	....	1878
Oct. 14	Gladwin Elevator Co	Gladwin	Grain, seeds, etc	6	1	7	....	1898
Oct. 15	Gladwin Water Works	Gladwin	Water	1	....	1	....	1890
Oct. 15	Goldberg's	Gladwin	Millinery	....	2	2	....	1900
Oct. 15	Hanna, Frank P	Gladwin	Custom clothing	2	....	2	....	1906
Oct. 15	Hanna, Mrs. Frank P	Gladwin	Millinery	....	2	2	....	1911
Oct. 15	Heth's Cash Meat Market	Gladwin	Meats	3	....	3	....	1900
Oct. 15	Laycock, A. & Sons	Gladwin	Harness	4	....	4	....	1897
Oct. 14	Libby, McNeill & Libby	Gladwin	Pickles	12	6	18	....	1913
Oct. 15	Most, Fred	Gladwin	Blacksmithing	2	....	2	....	1913
Oct. 15	Powell, Fred & Son	Gladwin	Sheet iron	4	....	4	....	1901

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Factory Inspection.—Continued.

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	GLADWIN CO.—*Con.*							
Oct. 15	Schulz, Joseph	Gladwin	Flour and feed	2	....	2	....	1891
Oct. 14	Smith & Behnke	Gladwin	Auto repairing	3	....	3	....	1913
Oct. 15	Soldan, L. E. & Co	Gladwin	Repairing	2	....	2	....	1911
Oct. 15	Walton, Willard	Gladwin	Baked goods	1	1	2	....	1903
	GOGEBIC COUNTY.							
Dec. 26	Bessemer Bakery, The	Bessemer	Baked goods	5	2	7	....	1912
Dec. 26	Bessemer Brewing Co., The	Bessemer	Beer	3	....	3	....	1913
Dec. 26	Bessemer Bottling Works	Bessemer	Soft drinks	2	....	2	....	1903
Dec. 26	Bessemer Electric Co	Bessemer	Electrical supplies	3	1	4	....	1912
Dec. 26	Bessemer Lumber Co	Bessemer	Lumber	3	....	3	....	1906
Dec. 26	Bessemer Water Works	Bessemer	Water	3	....	3	....	1890
Dec. 26	Blatz, Val. Brewing Co	Bessemer	Beer	2	....	2	....	1889
Dec. 26	City Harness Shop	Bessemer	Harness	1	....	1	....	1911
Dec. 27	Colby Iron Mining Co	Bessemer	Iron ore	125	....	125	....	1885
Dec. 27	Colby Iron Mining Co	Bessemer	Iron ore	172	....	172	....	1887
Dec. 26	Daly, M. E	Bessemer	Cigars	6	....	6	2	1901
Dec. 26	Hauly, Yep	Bessemer	Laundry	2	....	2	....	1911
Dec. 26	Herald Publishing Co	Bessemer	Printed matter	3	....	3	....	1908
Dec. 26	Jensen & Lintelmann	Bessemer	Meats	6	1	7	....	1898
Dec. 26	Kulasarrics & Sknor	Bessemer	Meat	4	....	4	....	1908
Dec. 27	Lake Superior Iron & Chemical Co	Bessemer	Iron ore	130	....	130	....	1901
Dec. 26	Maroni & Moncher	Bessemer	Meat	4	1	5	....	1903
Dec. 26	Otto, Fred	Bessemer	Blacksmithing	7	....	7	....	1890
Dec. 26	Saari, Gust	Bessemer	Shoe repairing	2	....	2	....	1910
Dec. 26	Thompson, R. H	Bessemer	Blacksmithing	3	....	3	....	1895
Dec. 26	Walters, Wm	Bessemer	Meat	3	....	3	....	1897
Dec. 22	Armour & Co	Ironwood	Meat	6	....	6	....	1888
Dec. 22	Barr, Harvey	Ironwood	Electrical supplies	9	1	10	....	1905
Dec. 22	Bentzen, Julius Electric Co., The	Ironwood	Electrical supplies	4	1	5	....	1911
Dec. 23	Blatz, Val. Brewing Co	Ironwood	Beer	5	....	5	....	1886
Dec. 24	Brenzel, C. C	Ironwood	Custom clothing	5	....	5	....	1890
Dec. 23	Buss Creamery, The	Ironwood	Dairy products	6	2	8	....	1910
Dec. 22	Cudahy Packing Co., The	Ironwood	Meat	4	....	4	....	1908
Dec. 22	Dear, Ernest	Ironwood	Plumbing	9	1	10	....	1901
Dec. 20	Farmers & Miners Mercantile Co	Ironwood	Produce	6	2	8	....	1912
Dec. 20	Finnish Printing Co	Ironwood	Job printing	5	2	7	....	1907
Dec. 23	Gogebic & Iron Counties Ry. Co	Ironwood	Passenger service	24	....	24	....	1911
Dec. 23	Gogebic & Iron Counties Ry. & Light Co	Ironwood	Light and power	6	2	8	....	1911
Dec. 24	Griewaki & Lipke	Ironwood	Meat	5	1	6	....	1911
Dec. 22	Grimm, M	Ironwood	Meat	2	....	2	....	1910
Dec. 20	Haach, H. A	Ironwood	Auto repairing	3	....	3	....	1906
Dec. 22	Hager, F. J. Lumber Co	Ironwood	Lumber	9	1	10	....	1890
Dec. 19	Hayes Mining Co	Ironwood	Iron ore	89	....	89	....	1886
Dec. 20	Healy, Chas	Ironwood	Meat	8	....	8	....	1912
Dec. 20	Heidemann & Thompson	Ironwood	Blacksmithing	10	....	10	....	1889
Dec. 20	Hill, John	Ironwood	Dyeing and cleaning	1	1	2	....	1892
Dec. 24	Ironwood Brewing Co., The	Ironwood	Beer	8	....	8	....	1901
Dec. 24	Ironwood Gas Co	Ironwood	Gas	8	1	9	....	1909
Dec. 23	Ironwood News Record	Ironwood	Printed matter	5	1	6	....	1888
Dec. 22	Ironwood Steam Laundry	Ironwood	Laundry	7	....	7	....	1901
Dec. 22	Ironwood Times, The	Ironwood	Job printing	2	1	3	....	1889
Dec. 23	Ironwood Water Works Co	Ironwood	Water	12	....	12	....	1889
Dec. 22	Kearney, F. H. Co	Ironwood	Feed and produce	5	....	5	....	1898
Dec. 20	Larson, A	Ironwood	Plumbing	5	....	5	....	1907
Dec. 23	Larson, Anton	Ironwood	Baked goods	2	12	14	....	1889

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Factory Inspection.—Continued.

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	GOGEBIC CO.—*Con.*							
Dec. 22	Lessel, Yong Hardware Co	Ironwood	Hardware	4	....	4	....	1888
Dec. 22	Lieberman, L	Ironwood	Custom clothing	4	1	5	....	1912
Dec. 20	Massinen, Otto	Ironwood	Job printing	4	....	4	....	1910
Dec. 23	Michigan State Telephone Co	Ironwood	Telephone service	5	16	21	....	1889
Dec. 24	Miller Brewing Co	Ironwood	Beer	5	....	5	....	1885
Dec. 20	Mueller, Adolph	Ironwood	Harness	2	....	2	....	1909
Dec. 22	Nast, William & Co	Ironwood	Farm produce	3	....	3	....	1900
Dec. 20	Nattelblad, Otto	Ironwood	Custom clothing	3	....	3	....	1890
Dec. 22	Nelson, Hogan	Ironwood	Lumber	16	....	16	....	1907
Oct. 19	Newport Mining Co	Ironwood	Iron ore	874	1	875	....	1896
Dec. 19	Oliver Iron Mining Co	Ironwood	Iron ore	2,610	....	2,610	....	1885
Dec. 20	Oliver & Lyne	Ironwood	Blacksmithing	3	....	3	....	1913
Dec. 20	Olson & Bergquist	Ironwood	Lumber	8	....	8	....	1901
Dec. 20	Oriental Steam Dye Works	Ironwood	Cleaning, etc	2	....	2	....	1909
Dec. 22	Oxnam, J. W	Ironwood	Wood and coal	4	....	4	....	1900
Dec. 22	Peterson Bros	Ironwood	Feed and produce	4	....	4	....	1910
Dec. 20	Reid, Sam	Ironwood	Meat	5	2	7	....	1898
Dec. 22	Rintala, August	Ironwood	Custom clothing	9	2	11	....	1909
Dec. 20	Roach & Seeber Co	Ironwood	Feed and produce	7	1	8	....	1910
Dec. 23	Sauter, Joseph G	Ironwood	Cigars	7	....	7	....	1910
Dec. 24	Scott & Howe Lumber Co., The	Ironwood	Lumber	97	....	97	....	1883
Dec. 24	Thiele, Fred	Ironwood	Cigars	4	....	4	1	1911
Dec. 22	Thomas, Healy & Co.	Ironwood	Feed and produce	4	....	4	....	1897
Dec. 23	Union Bottling Works	Ironwood	Soft drinks	4	....	4	....	1907
Dec. 23	Western Union Telegraph Co., The	Ironwood	Telegraph service	2	....	2	....	1893
Dec. 29	Bjornson & Brami	Ramsay	Meat	6	....	6	....	1908
Dec. 29	Castile Mining Co	Ramsay	Iron ore	158	....	158	....	1906
Dec. 29	Castile Mining Co	Ramsay	Iron ore	105	....	105	....	1905
Dec. 29	Verona Mining Co	Verona	Iron ore	65	....	65	....	1880
Dec. 30	Beaudette, Wm	Wakefield	Electrical supplies	3	....	3	....	1913
Dec. 30	Blats, Val. Brewing Co	Wakefield	Beer	1	....	1	....	1893
Dec. 30	Brotherton Mining Co	Wakefield	Iron ore	158	....	158	....	1885
Dec. 30	Castile Mining Co	Wakefield	Iron ore	179	....	179	....	1903
Dec. 30	McDonald, H. J	Wakefield	Blacksmithing	3	....	3	....	1913
Dec. 30	Ringsmuth, A	Wakefield	Lumber	5	....	5	....	1882
Dec. 30	Sunday Lake Mining Co	Wakefield	Iron ore	222	....	222	....	1885
Dec. 30	Wakefield Electrical Co	Wakefield	Electrical supplies	2	....	2	....	1913
Dec. 30	Wakefield Water Works	Wakefield	Water	2	....	2	....	1901
Dec. 30	Walter, Wm	Wakefield	Meat	3	....	3	....	1913
	GRAND TRAVERSE COUNTY.							
Oct. 7	Boardman River Electric Light & Power Co	Garfield	Electricity	11	....	11	....	.....
Oct. 9	Crandall, D. E. & Son	Grawn	Lumber	20	....	20	....	1885
Oct. 9	Randall, C	Grawn	Lumber	13	....	13	....	1913
Oct. 9	Wylie Cooperage Co	Interlochen	Lumber	86	....	86	1	1896
Oct. 8	Dunn, H	Kingsley	Lumber	18	....	18	....	1908
Oct. 8	Kingsley Courier, The	Kingsley	Printed matter	2	....	2	....	1911
Oct. 8	Kingsley Roller Mills Co., The	Kingsley	Flour and feed	2	....	2	....	1905
Oct. 8	Schone, John	Kingsley	Lumber	8	....	8	....	1904
Oct. 3	Adams, F. H	Traverse City	Cigars	1	....	1	....	1905
Sept. 25	Arms & Cole	Traverse City	Plumbing	8	1	9	....	1895
Sept. 26	Beadle, John F. Co., The	Traverse City	Harness	7	....	7	....	1868
Oct. 7	Beardsley, F. E	Traverse City	Repairing	1	....	1	....	1898
Sept. 24	Bells Bakery	Traverse City	Baked goods	2	....	2	....	1912
Sept. 25	Briggs, Miss J. M	Traverse City	Millinery	.....	4	4	....	1909
Oct. 3	Brown Lumber Co	Traverse City	Lumber	48	1	49	....	1909

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Factory Inspection.—Continued.

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	GRAND TRAVERSE CO.—*Con.*							
Sept. 26	Caldwell & Loudon	Traverse City	Wagons and sleighs	12	1	13	....	1880
Oct. 4	Citizens Telephone Co	Traverse City	Telephone service	13	29	42	....	1898
Sept. 24	City Bakery	Traverse City	Baked goods	2	1	3	....	1910
Sept. 30	Clapp & Son Baking Co	Traverse City	Baked goods	9	....	9	....	1907
Sept. 26	Coddington, W. M	Traverse City	Fur goods	1	....	1	....	1910
Sept. 26	Detroit Bakery	Traverse City	Baked goods	4	1	5	....	1910
Sept. 30	Dyer, Austin	Traverse City	Cigars	3	....	3	....	1913
Sept. 25	Ebner Bros	Traverse City	Plumbing	6	3	9	....	1892
Oct. 3	Electric Light & Power Dept	Traverse City	Electricity	7	....	7	....	1912
Sept. 30	Gagnon, Mert J	Traverse City	Cigars	2	1	3	....	1909
Oct. 1	Gifford Lightning Arresters Co	Traverse City	Lightning arresters	4	1	5	....	1908
Sept. 25	Goode, W. R	Traverse City	Auto repairing	7	....	7	....	1908
Sept. 24	Grand Traverse Auto Co	Traverse City	Auto repairing	6	1	7	....	1911
Sept. 30	Greilick, J. E. Co	Traverse City	Furniture	73	1	74	....	1893
Sept. 24	Hadley, B. S. S	Traverse City	Blacksmithing	2	....	2	....	1900
Sept. 30	Hannah & Lay Co	Traverse City	Flour and feed	9	1	10	....	1868
Sept. 26	Hannah & Lay Mercantile Co., The	Traverse City	Plumbing	6	....	6	....	1850
Sept. 25	Heumann, F. G	Traverse City	Custom clothing	4	4	8	....	1892
Sept. 26	Hines Motor Co	Traverse City	Engines	3	....	3	....	1905
Oct. 3	Hormuth, George J	Traverse City	Cigars	2	....	2	....	1906
Sept. 30	Hormuth, Peter	Traverse City	Cigars	3	....	3	....	1906
Sept. 30	Huellmantel, R	Traverse City	Cigars	1	....	1	....	1910
Oct. 7	Irish, Earl E	Traverse City	Plumbing	2	1	3	....	1913
Sept. 30	Jackson, Wm	Traverse City	Machine repairing	3	....	3	....	1892
Sept. 24	Jahraus, Alfred W	Traverse City	Cigars	11	1	12	....	1893
Sept. 27	Joyce, A. L	Traverse City	Soft drinks	5	....	5	1	1897
Oct. 4	Kaufmann, L. G	Traverse City	Cigars	3	1	4	....	1904
Sept. 26	Klaiber, Miss Ida	Traverse City	Millinery	.....	2	2	....	1905
Oct. 2	Lardie, Geo. W. & Son	Traverse City	Barrels	7	1	8	....	1891
Oct. 6	Limpricht, Chas. H	Traverse City	Harness	2	....	2	....	1898
Oct. 3	Masenich Printing Co	Traverse City	Job printing	2	....	2	....	1906
Oct. 3	Meeboer, The Tailor	Traverse City	Custom clothing	2	1	3	....	1907
Sept. 25	Mercer, R. J. & Co	Traverse City	Plumbing	11	....	11	....	1904
Oct. 9	Michigan State Telephone Co	Traverse City	Telephone service	4	13	17	....	1889
Sept. 24	Mikesell & Co	Traverse City	Canned goods	26	77	103	....	1910
Oct. 3	Montague, H. B	Traverse City	Auto repairing	5	....	5	....	1912
Sept. 26	Morgan, John C. Co	Traverse City	Cider	19	1	20	....	1877
Sept. 26	Nemec, Tony	Traverse City	Blacksmithing	2	....	2	....	1907
Oct. 1	Oval Wood Dish Co., The	Traverse City	Wooden ware	299	194	493	5	1883
Oct. 7	Pere Marquette Railroad Co	Traverse City	Car repairing	22	....	22	....	.....
Oct. 7	Pere Marquette Railroad Co	Traverse City	Repairing	52	....	52	....	1907
Sept. 30	Petertyl, Victor	Traverse City	Sleigh runners	19	1	20	....	1880
Oct. 3	Pierce, Carl M	Traverse City	Cigars	4	....	4	....	1911
Sept. 24	Potato Implement Co	Traverse City	Farm implements	25	1	26	....	1887
Oct. 6	Progress Laundry	Traverse City	Laundry	4	6	10	....	1895
Sept. 24	Queen City Bottling Co	Traverse City	Soft drinks	5	1	6	1	1910
Sept. 25	Quick, Chas. E	Traverse City	Custom clothing	6	....	6	....	1905
Sept. 26	Record-Eagle, The	Traverse City	Printed matter	15	5	20	....	1904
Sept. 26	Rickerd, A. W	Traverse City	Monuments	10	1	11	....	1901
Oct. 1	Round, H. W	Traverse City	Machine repairing	3	....	3	....	1898
Oct. 2	Saginaw Beef Co	Traverse City	Meats	4	1	5	....	1899
Sept. 24	Slaby, H. J	Traverse City	Blacksmithing	1	....	1	....	1912
Sept. 26	Sladek, Frank	Traverse City	Custom clothing	4	....	4	....	1892
Oct. 7	Standard Oil Co	Traverse City	Oil	3	....	3	....	1895
Oct. 10	State Hospital	Traverse City	State institution	.....	....	.....	....	.....

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Factory Inspection.—Continued.

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	GRAND TRAVERSE CO.—*Con.*							
Sept. 24	Straub Bros. & Amiotte	Traverse City	Candy	18	37	55	....	1899
Sept. 30	Taylor, C. B.	Traverse City	Coal and wood, etc.	5	1	6	....	1904
Sept. 27	Traverse City Brewing Co.	Traverse City	Beer	8	....	8	....	1901
Oct. 3	Traverse City Casket Co.	Traverse City	Caskets	3	1	4	....	1910
Sept. 26	Traverse City Chair Co.	Traverse City	Chairs	55	28	83	....	1905
Oct. 1	Traverse City Cigar Box Factory	Traverse City	Cigar boxes	2	1	3	....	1910
Oct. 3	Traverse City Elgin Creamery	Traverse City	Dairy products	3	1	4	....	1907
Oct. 7	Traverse City Gas Co.	Traverse City	Coal, gas, etc.	8	....	8	....	1900
Oct. 3	Traverse City Iron Works	Traverse City	Iron and steel	17	....	17	....	.....
Sept. 30	Traverse City Mattress & Bedding Co.	Traverse City	Bedding	4	1	5	....	1909
Sept. 24	Traverse City Milling Co.	Traverse City	Flour, feed, etc.	8	2	10	....	1905
Oct. 3	Traverse City Refrigerator Co.	Traverse City	Refrigerators, etc.	7	....	7	....	1910
Oct. 7	Traverse City Shoe Co.	Traverse City	Shoe repairing	5	....	5	....	1910
Oct. 2	Traverse City Steam Laundry	Traverse City	Laundry	5	12	17	....	1907
Sept. 30	Traverse City Wagon Works	Traverse City	Wagons	8	....	8	....	1896
Sept. 26	Traverse City Water Works	Traverse City	Water	9	1	10	....	1900
Sept. 24	Votruba, F. Harness Co.	Traverse City	Harness	5	1	6	....	1878
Oct. 9	Wahl Bros.	Traverse City	Ice cream	2	1	3	....	1910
Oct. 1	Wells-Higman Co.	Traverse City	Baskets	138	6	144	....	1869
Sept. 25	Woodward, Miss Jess	Traverse City	Dressmaking	.....	2	2	....	1912
	GRATIOT COUNTY.							
Aug. 19	Alma City Laundry	Alma	Laundry	4	7	11	....	1907
Aug. 16	Alma Elevator Co.	Alma	Grain	6	....	6	....	1907
Aug. 19	Alma Garage	Alma	Auto sundries	3	....	3	....	1906
Aug. 16	Alma Grain & Lumber Co.	Alma	Flour and feed	9	3	12	....	1883
Aug. 19	Alma Journal, The	Alma	Printed matter	4	....	4	....	1895
Aug. 19	Alma Motor Truck Co.	Alma	Motor trucks	27	....	27	....	1913
Aug. 19	Alma Record Co., The	Alma	Printed matter	4	1	5	....	1877
Aug. 19	Alma Sheet Metal Works	Alma	Tinning	3	....	3	....	1910
Aug. 16	Alma Standard Mfg. Co.	Alma	Castings	23	....	23	....	1913
Aug. 19	Banghart, P. T.	Alma	Meats	2	....	2	....	1896
Aug. 19	Brewer Market	Alma	Meats	2	....	2	....	1908
Aug. 16	Coal, Lumber & Fuel Co.	Alma	Lumber, coal, etc.	6	1	7	....	1912
Dec. 4	Cook, Mrs. S. B.	Alma	Millinery	.....	2	2	....	1903
Aug. 19	Eckert, B.	Alma	Meats	2	....	2	....	1903
Aug. 19	Foster, J. C.	Alma	Cigars	4	1	5	....	1906
Aug. 19	Gaffney, Mrs. Sylvia	Alma	Millinery	.....	1	1	....	1907
Dec. 4	Hicok, C. F.	Alma	Harness	3	....	3	....	1912
Aug. 19	Hole & Kiser	Alma	Blacksmithing	2	....	2	....	1912
Aug. 19	Hunter, Alpheus	Alma	Tinning	2	....	2	....	1907
Aug. 19	Little Giant Hay Press Co.	Alma	Hay presses	6	1	7	....	1906
Aug. 19	McKenzie Bros.	Alma	Cigars	2	1	3	....	1912
Dec. 4	McPhee, M. J.	Alma	Custom clothing	2	....	2	....	1903
Aug. 16	Michigan Sugar Co.	Alma	Sugar	257	4	261	....	1899
Dec. 4	Smith & Clapp	Alma	Hardware	5	....	5	....	1912
Dec. 4	Smith's Bakery	Alma	Baked goods	1	2	3	....	1912
Aug. 19	Swift & Co.	Alma	Dairy products	72	27	99	....	1905
Aug. 19	Thornton Sheet Metal Works	Alma	Tinning	4	1	5	....	1909
Dec. 4	Wear-U-Well Shoe Co.	Alma	Shoes	1	....	1	....	1912
Aug. 11	Ashley Elevator Co.	Ashley	Grain, beans, etc.	3	18	21	....	1908
Aug. 11	Ashley Tile Co.	Ashley	Tile	10	....	10	....	1905
Aug. 12	Ashley World, The	Ashley	Printed matter	1	1	2	....	1897
Aug. 12	Creamo Cheese Co.	Ashley	Cheese	2	....	2	....	1903
Aug. 12	Green, C. A.	Ashley	Lumber	3	....	3	....	1898
Aug. 13	Gunn, M. D.	Ashley	Meats	1	....	1	....	1901
Aug. 13	McCollough, J.	Ashley	Blacksmithing	1	....	1	....	1911

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Factory Inspection.—Continued.

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	GRATIOT CO.—*Con.*							
Aug. 12	Randles, E. W.	Ashley	Blacksmithing	1	....	1	....	1913
Aug. 12	Thayer, C. M.	Ashley	Baked goods	1	1	2	....	1907
Aug. 12	Todd, G. & Son	Ashley	Baked goods	2	1	3	....	1910
Aug. 12	Zigler, B. I.	Ashley	Meats	1	....	1	....	1909
Aug. 11	Bannister Elevator Co.	Bannister	Grain, hay, etc.	3	....	3	....	1903
Aug. 11	Letts, E.	Bannister	Meats	2	....	2	....	1913
Aug. 11	Letts, R. G.	Bannister	Lumber	4	....	4	....	1896
Aug. 11	Sitfin, A.	Bannister	Blacksmithing	1	....	1	....	1906
Aug. 21	Breckenridge American	Breckenridge	Printed matter	2	1	3	....	1913
Aug. 21	Breckenridge Creamery Co.	Breckenridge	Dairy products	3	1	4	....	1907
Aug. 21	Breckenridge Hay & Feed Co., Inc.	Breckenridge	Hay, grain, feed	2	....	2	....	1912
Aug. 21	Coldeman, G. W.	Breckenridge	Blacksmithing	3	....	3	....	1909
Aug. 21	Crawford & Co., Inc.	Breckenridge	Grain, coal, etc.	5	....	5	....	1906
Aug. 21	Kean Bros.	Breckenridge	Blacksmithing	3	....	3	....	1909
Aug. 21	Moore, A. G.	Breckenridge	Lumber, lath, etc.	4	....	4	....	1903
Aug. 21	Pearce, E. A.	Breckenridge	Meats	1	....	1	....	1900
Aug. 21	Sabin, A.	Breckenridge	Millinery	....	1	1	....	1910
Aug. 21	Stewart Bros.	Breckenridge	Meats	3	....	3	....	1910
Aug. 21	Weed, E.	Breckenridge	Harness	2	....	2	....	1900
Aug. 15	Brown Motor Sales Co.	Ithaca	Auto supplies	4	....	4	....	1908
Aug. 15	Bradin, J. A.	Ithaca	Baked goods	4	3	7	....	1913
Aug. 15	Cronwell & Cronwell	Ithaca	Meats	4	....	4	....	1906
Aug. 14	Gratiot County Herald	Ithaca	Printed matter	6	2	8	....	1868
Aug. 15	Gratiot County Journal	Ithaca	Printed matter	4	1	5	....	1858
Aug. 15	Havana Cigar Co., The	Ithaca	Cigars	3	2	5	1	1892
Aug. 14	Ithaca Creamery	Ithaca	Dairy products	4	....	4	....	1903
Aug. 14	Ithaca Gleaners Elevator Co.	Ithaca	Grain	8	47	55	....	1912
Aug. 14	Ithaca Light & Water Plant	Ithaca	Light and water	4	....	4	....	1898
Aug. 15	Ithaca Lumber & Coal Co.	Ithaca	Wood and coal	5	....	5	....	1906
Aug. 14	Ithaca Roller Mills	Ithaca	Grain, beans, etc.	12	26	38	....	1899
Aug. 14	Ithaca Steam Laundry	Ithaca	Laundry	2	3	5	....	1893
Aug. 15	Kinsel, W. H.	Ithaca	Baked goods	2	2	4	....	1912
Aug. 14	Nelson Grain Co.	Ithaca	Grain	4	....	4	....	1891
Dec. 2	Parker, Howard	Ithaca	Bicycle repairing	2	....	2	....	1910
Aug. 15	Reeves, Leslie D.	Ithaca	Blacksmithing	3	....	3	....	1908
Aug. 15	Tucker, Mrs. W. D.	Ithaca	Millinery	....	2	2	....	1908
Aug. 15	Weeks, G. W.	Ithaca	Produce	3	....	3	....	1911
Dec. 2	Willoughby, Wm.	Ithaca	Blacksmithing	3	....	3	....	1884
Aug. 15	Wingit & Son	Ithaca	Meats	5	....	5	....	1901
Dec. 2	Auto Livery & Garage	Middleton	Auto repairing	2	....	2	....	1912
Dec. 2	Case, C. B.	Middleton	Blacksmithing	1	....	1	....	1911
Dec. 2	Cowles, Eber	Middleton	Blacksmithing	1	....	1	....	1912
Dec. 2	Dodge, Mrs. R. C.	Middleton	Millinery	....	2	2	....	1911
Dec. 1	Fitzpatrick, H. P.	Middleton	Cheese	1	1	2	....	1901
Dec. 2	Gilbert, Burt F.	Middleton	Harness	2	....	2	....	1910
Dec. 1	Gleaner-Farmer's Elevator Co.	Middleton	Grain, beans, etc.	3	16	19	....	1913
Dec. 2	Home Bakery, The	Middleton	Baked goods	1	....	1	....	1907
Dec. 1	Mertz, William	Middleton	Light	3	....	3	....	1911
Dec. 2	Middleton Record, The	Middleton	Printed matter	1	....	1	....	1909
Dec. 2	Rockafellow Grain Co.	Middleton	Grain and beans	5	16	21	....	1887
Dec. 1	Schultz, Jos. F.	Middleton	Cooperage, etc.	21	....	21	....	1893
Dec. 2	Townsend, W. R.	Middleton	Meats	2	....	2	....	1902
Aug. 14	Adamek, O. C.	North Star	Blacksmithing	2	....	2	....	1900
Aug. 14	North Star Elevator Co.	North Star	Grain and beans	4	1	5	....	1908
Aug. 13	North Star Tile Co.	North Star	Tile	8	....	8	....	1883
Dec. 1	Carmer, J. G.	Perrinton	Flour and feed	1	....	1	....	1900
Dec. 1	Hart, George S. Co.	Perrinton	Dairy products	2	....	2	....	1907
Dec. 1	McRae, W. H.	Perrinton	Baked goods	1	1	2	....	1907
Dec. 1	Otto, C. F.	Perrinton	Hardware	1	....	1	....	1902
Dec. 1	Perrinton Milling Co.	Perrinton	Flour and feed	2	....	2	....	1898

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	GRATIOT CO.—*Con.*							
Dec. 1	Richards, W. H.	Perrinton	Meats	1	1	2	....	1911
Dec. 1	Shepherd, W. H.	Perrinton	Blacksmithing	1	....	1	....	1913
Dec. 1	Stockbridge Elevator Co.	Perrinton	Farm produce	2	10	12	....	1887
Aug. 14	Jessup, G. L.	Pompeii	Grain, beans, etc.	4	21	25	....	1898
Aug. 14	Salter, A.	Pompeii	Baked goods	1	....	1	....	1913
Aug. 14	Winget, G. W. & Son	Pompeii	Meats	1	....	1	....	1911
Aug. 20	Admiral Motor Car Co.	St. Louis	Auto trucks	4	....	4	....	1913
Aug. 20	Bernard, C. J.	St. Louis	Grain, beans, etc.	12	8	20	....	1888
Aug. 21	Bernard, J. W.	St. Louis	Harness	2	....	2	....	1883
Aug. 21	Bigelow, Mrs. O. E.	St. Louis	Millinery	.....	2	2	....	1912
Aug. 21	Brewer, Grant L.	St. Louis	Granite	6	....	6	....	1906
Aug. 20	Brewer, W. R.	St. Louis	Meats	3	....	3	....	1888
Aug. 20	Clipper Tile Machine Co.	St. Louis	Tile machinery	1	....	1	....	1908
Aug. 20	Haw & Haw	St. Louis	Produce	2	....	2	....	1912
Aug. 21	Hofstetter Bros.	St. Louis	Baked goods	4	1	5	....	1870
Aug. 20	Holland-St. Louis Sugar Co.	St. Louis	Sugar	159	12	171	....	1903
Aug. 20	Hutchinson	St. Louis	Blacksmithing	1	....	1	....	1913
Dec. 3	McFee	St. Louis	Auto repairing	2	....	2	....	1913
Aug. 21	Rumberger, J.	St. Louis	Baked goods	3	2	5	....	1912
Aug. 21	St. Louis Granite & Marble Works	St. Louis	Granite and marble	2	....	2	....	1895
Aug. 21	St. Louis Independent	St. Louis	Printed matter	1	1	2	....	1887
Aug. 21	St. Louis Leader, The	St. Louis	Printed matter	3	2	5	....	1877
Aug. 20	St. Louis Light & Water Works	St. Louis	Light and water	4	....	4	....	1891
Aug. 20	St. Louis Roller Mills	St. Louis	Flour and feed, etc.	3	1	4	....	1856
Aug. 20	Schmidt, Wm.	St. Louis	Custom clothing	1	....	1	....	1877
Aug. 21	Smart & Leach	St. Louis	Custom clothing	1	1	2	....	1888
Aug. 20	Smith, W. H. H. & Sons	St. Louis	Tile	18	....	18	....	1888
Dec. 3	Wolf, Robert & Son	St. Louis	Machine repairing	2	....	2	....	1911
	HILLSDALE COUNTY.							
Nov. 21	Alward Lumber Co.	Camden	Dressed lumber	2	....	2	....	1909
Nov. 20	Camden Advance	Camden	Printed matter	1	1	2	....	1889
Nov. 20	Camden Roller Mills	Camden	Flour and feed	4	....	4	....	1850
Nov. 21	Smith, William H. & Son	Camden	Dairy produce	2	....	2	....	1913
Nov. 18	Alamo Mfg. Co., The	Hillsdale	Engines	197	4	201	....	1900
Nov. 17	Apple Tree Saw Co.	Hillsdale	Handles	7	....	7	....	1908
Nov. 18	Board of Public Works	Hillsdale	Light and water	12	1	13	....	1886
Nov. 19	Burd, W. E. & Son	Hillsdale	Repairing	3	....	3	....	1910
Nov. 18	Elliott, Fay W.	Hillsdale	Flour and feed	2	....	2	....	1891
Nov. 19	Finch, C. E.	Hillsdale	Monuments	2	....	2	....	1902
Nov. 17	Freed Bros.	Hillsdale	Flour and feed	1	....	1	....	1884
Nov. 18	Hile & Doty	Hillsdale	Lumber	4	....	4	....	1913
Nov. 17	Hillsdale Elgin Creamery	Hillsdale	Dairy products	4	....	4	....	1903
Nov. 17	Hillsdale Gas Light Co.	Hillsdale	Gas	6	1	7	....	.....
Nov. 19	Hillsdale Leader, The	Hillsdale	Printed matter	6	....	6	....	1883
Nov. 18	Hillsdale Lumber & Coal Co.	Hillsdale	Lumber and coal	4	1	5	....	1908
Nov. 18	Hillsdale News	Hillsdale	Printed matter	10	4	14	....	1846
Nov. 18	Hillsdale Screen Co.	Hillsdale	Screens	52	9	61	....	1889
Nov. 19	Hillsdale Shoe Co.	Hillsdale	Shoes	35	21	56	....	.....
Nov. 19	Lake Shore & Michigan Southern Ry.	Hillsdale	Water	2	....	2	....	.....
Nov. 19	O'Neil, James H.	Hillsdale	Cigars	4	....	4	....	1908
Nov. 17	Star Laundry & Dry Cleaning Plant	Hillsdale	Laundry	5	9	14	....	1903
Nov. 18	Stock, F. W. & Sons	Hillsdale	Flour and feed	60	1	70	....	1845
Nov. 19	Watkins, M.	Hillsdale	Feed	2	....	2	....	1908
Nov. 17	Western Reserve Condensed Milk Co., The	Hillsdale	Dairy products	9	....	9	....	1913

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	HILLSDALE CO.—*Con.*							
Nov. 19	Winters, A.	Hillsdale	Monuments	1	....	1	....	1896
Nov. 17	Worthing & Alger Co., The	Hillsdale	Furs	9	12	21	....	1900
Nov. 18	Wyllys, R. O.	Hillsdale	Auto repairing	3	....	3	....	1913
Nov. 25	Deal Buggy Co., The	Jonesville	Buggies and wagons	57	4	61	....	1857
Nov. 25	Jonesville Garage	Jonesville	Auto repairing	2	....	2	....	1912
Nov. 25	Jonesville Independent, The	Jonesville	Printed matter	3	1	4	....	1854
Nov. 25	Jonesville Light & Water Station	Jonesville	Light and water	4	....	4	....	1905
Nov. 25	Jonesville Lumber Co.	Jonesville	Lumber	5	....	5	....	1909
Nov. 25	Jonesville Milling Co.	Jonesville	Flour and feed	8	....	8	....	1897
Nov. 25	Poor, Berton E.	Jonesville	Cigars	15	19	34	....	1902
Nov. 25	Randolph, H. C.	Jonesville	Racks	3	....	3	....	1902
Nov. 25	Fowler, C. T.	Litchfield	Lumber	8	....	8	....	1905
Nov. 25	Gazette, The	Litchfield	Printed matter	3	....	3	....	1874
Nov. 25	Litchfield Dairy Association	Litchfield	Dairy products	4	....	4	....	1910
Nov. 25	Litchfield Garage	Litchfield	Auto repairing	3	....	3	....	1912
Nov. 21	Johnson, A. C.	Montgomery	Repairing	2	....	2	....	1913
Nov. 21	Montgomery Cheese Co.	Montgomery	Cheese	2	....	2	....	1905
Nov. 21	Montgomery Lumber, Coal & Screen Door Co., The	Montgomery	Screen doors	16	....	16	....	1912
Nov. 21	Montgomery Record, The	Montgomery	Printed matter	2	....	2	....	1905
Nov. 21	Small & Hyland	Montgomery	Tile	8	....	8	....	1910
Nov. 26	Hill, Roy	North Adams	Auto repairing	1	....	1	....	1913
Nov. 26	Municipal Lighting Plant	North Adams	Light	1	....	1	....	1913
Nov. 26	North Adams Advocate	North Adams	Printed matter	1	1	2	....	1894
Nov. 26	North Adams Creamery Co.	North Adams	Dairy products	2	....	2	....	1909
Nov. 26	Rodlam, C. C.	North Adams	Flour and feed	2	....	2	....	1898
Nov. 26	Williams, F. I.	North Adams	Feed and grain	3	....	3	....	1900
Nov. 26	Haybarker & Newell	Pittsford	Feed	3	....	3	....	1909
Nov. 26	Hope & Earl	Pittsford	Auto repairing	2	....	2	....	1911
Nov. 26	Pittsford Reporter	Pittsford	Printed matter	1	1	2	....	1903
Nov. 20	Acme Chair Co.	Reading	Chairs	89	1	90	....	1880
Nov. 20	Denney & Radabaugh	Reading	Cigars	1	1	2	....	1893
Nov. 20	Hammell, Otis	Reading	Lumber	3	....	3	....	1913
Nov. 20	Leonard, W. T. & Co.	Reading	Dairy products	2	....	2	....	1900
Nov. 20	Reading Garage, The	Reading	Auto repairing	2	....	2	....	1913
Nov. 20	Reading Hustler, The	Reading	Printed matter	2	1	3	....	1891
Nov. 20	Reading Laundry	Reading	Laundry	1	1	2	....	1898
Nov. 20	Reading Milling Co., The	Reading	Flour	3	....	3	....	1911
Nov. 20	Reading Power Co.	Reading	Light and water	3	....	3	....	1900
Nov. 20	Reading Robe & Tanning Co.	Reading	Furs	8	6	14	....	1892
Nov. 20	Weaver, W. W.	Reading	Furs	12	7	19	....	1891
Nov. 27	Avis Milling Co.	Waldron	Flour and feed	2	....	2	....	1896
Nov. 27	Myers & Deville	Waldron	Dressed lumber	5	....	5	....	1908
Nov. 27	Waldron Cheese Factory	Waldron	Cheese	1	....	1	....	1909
Nov. 27	Waldron Recorder	Waldron	Printed matter	1	1	2	....	1901
Nov. 27	Way, A. D.	Waldron	Lumber	4	....	4	....	1878
	HOUGHTON COUNTY.							
Jan. 7	Baltic Mining Co.	Adams	Copper	22	....	22	....	1898
Dec. 6	American Candy Kitchen	Calumet	Candy	3	2	5	....	1906
Dec. 6	Antioho, George & Co.	Calumet	Candy	6	1	7	....	1904
Dec. 5	Armstrong-Thielman Lumber Co.	Calumet	Lumber	12	....	12	....	1901
Dec. 9	Baer Bros.	Calumet	Meat	5	....	5	....	1866
Dec. 4	Barsotti Bros.	Calumet	Ice cream	4	1	5	....	1902
Dec. 5	Beiswanger, R.	Calumet	Soft drinks	3	....	3	....	1880
Dec. 6	Calumet Brewing Co.	Calumet	Beer	18	....	18	....	1899
Dec. 4	Calumet Cleaning & Dye Works	Calumet	Cleaning and dyeing	2	1	3	....	1909
Dec. 9	Calumet Granite & Marble Works	Calumet	Monuments	2	....	2	....	1903

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Factory Inspection.—Continued.

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	HOUGHTON CO.—*Con.*							
Dec. 5	Calumet News, The	Calumet	Printed matter	21	....	21	....	1904
Dec. 5	Chop, Matt	Calumet	Custom clothing	3	1	4	....	1894
Dec. 8	Crotian Printing Co	Calumet	Printed matter	3	4	7	....	1905
Dec. 5	Eagle Bakery	Calumet	Baked goods	6	1	7	....	1891
Dec. 4	Fax, George	Calumet	Meats	3	....	3	....	1901
Dec. 9	Forster, Henry & Co	Calumet	Boots and shoes	3	....	3	....	1912
Dec. 8	Fredrickson, John & Son	Calumet	Blacksmithing	4	....	4	....	1906
Dec. 4	Glasnik Publishing Co	Calumet	Printed matter	4	3	7	....	1903
Dec. 8	Gorsche, George	Calumet	Meats	4	....	4	....	1913
Dec. 6	Ingman, Oscar	Calumet	Blacksmithing	1	....	1	....	1900
Dec. 6	Kinsman & Wayner	Calumet	Harness	2	....	2	....	1905
Dec. 9	Lake Superior Produce Co	Calumet	Produce	4	....	4	....	1903
Dec. 6	Lee, Sam	Calumet	Laundry	4	....	4	....	1908
Dec. 8	Lee, Willie	Calumet	Laundry	4	....	4	....	1902
Dec. 9	McClure, James	Calumet	Auto repairing	4	....	4	....	1901
Dec. 6	McHardy, James	Calumet	Blacksmithing	11	....	11	....	1883
Dec. 8	Michigan Auto Co	Calumet	Auto repairing, etc	6	1	7	....	1898
Dec. 9	Michigan State Telephone Co	Calumet	Telephone service	9	17	26	....	1879
Dec. 9	Mineral Range Railroad Co	Calumet	Car repairing	39	....	39	....	1899
Dec. 5	Mineral Range Railroad Co	Calumet	Car repairing	27	....	27	....	1905
Dec. 8	Nardi & Lackner	Calumet	Cigars	3	....	3	....	1906
Dec. 4	Northland Press Co	Calumet	Printed matter	22	2	24	....	1885
Dec. 4	Northland Shoe Mfg. Co., The	Calumet	Boots and shoes	16	2	18	....	1911
Dec. 9	Orenstein, James	Calumet	Furs	4	4	8	....	1893
Dec. 9	Pabst Brewing Co	Calumet	Beer	6	....	6	....	1891
Dec. 6	Palace Meat Market	Calumet	Meats	6	....	6	....	1908
Dec. 8	Peninsula Meat Market	Calumet	Meats	4	....	4	....	1905
Dec. 6	Peninsula Wholesale Grocery Co	Calumet	Groceries	3	....	3	....	1903
Dec. 8	Plankinton Packing Co	Calumet	Meats	5	....	5	....	1905
Dec. 9	Protogere, Apostle G	Calumet	Candy	1	1	2	....	1912
Dec. 9	Quello, B	Calumet	Meats	5	....	5	....	1890
Dec. 5	Rastello J. B	Calumet	Custom clothing	3	2	5	....	1900
Dec. 5	Schlitz Brewing Co	Calumet	Beer	5	....	5	....	1892
Dec. 4	Schumaker, F. H	Calumet	Meats	6	....	6	....	1895
Dec. 5	Scott & Roberts	Calumet	Printed matter	3	....	3	....	1902
Dec. 6	Tamarack Mining Co	Calumet	Copper	210	1	211	....	1882
Dec. 5	Uleeth, Edward	Calumet	Coal and wood	43	1	44	....	1902
Dec. 4	Vienna Bakery	Calumet	Baked goods	10	1	11	....	1900
Dec. 5	Vivian, Henry J	Calumet	Custom clothing	4	3	7	....	1896
Dec. 6	Wieder-Cadillac Auto Co	Calumet	Auto repairing	3	....	3	....	1910
Dec. 9	Wieder Harness Co	Calumet	Harness	4	....	4	....	1903
Dec. 6	Ziegeler Bedding Co	Calumet	Bedding	6	2	8	....	1907
Feb. 3	Misslits, W. O	Chassell	Meats	3	....	3	....	1900
Feb. 3	Worcester Lumber Co., Ltd	Chassell	Lumber, etc	439	2	441	....	1903
Dec. 5	Michigan Smelting Co	Coles Creek	Copper	101	1	102	....	1887
Jan. 6	Franklin Mining Co	Demmon	Copper	31	....	31	....	.....
Dec. 15	Franklin Mining Co	Demmon	Copper	232	....	232	....	.....
Dec. 7	Foley, F. W	Dollar Bay	Copper wire	43	....	43	....	1894
Dec. 17	Lake Superior Smelting Co., The	Dollar Bay	Copper	155	....	155	....	1900
Dec. 17	Tamarack Mining Co	Dollar Bay	Coal	65	....	65	....	1891
Nov. 26	Abrahams, M	Hancock	Dyeing	2	....	2	....	1903
Nov. 26	City Candy Kitchen	Hancock	Candy	2	2	4	....	1907
Nov. 25	Doyles Tailor Shop	Hancock	Custom clothing	3	....	3	....	1890
Nov. 25	Finnish Lutheran Book Concern, The	Hancock	Printed matter	24	5	29	....	1896
Nov. 26	Hancock Cleaning Co	Hancock	Repairing	2	1	3	....	1911
Nov. 25	Hancock Consolidated Mining Co	Hancock	Copper	29	2	31	....	1906
Dec. 13	Hancock Journal, The	Hancock	Printed matter	25	4	29	....	1884
Dec. 2	Holland, Daniel A	Hancock	Meats	7	....	7	....	1905
Dec. 3	Houghton County Gas & Coke Co	Hancock	Gas	14	1	15	....	1905
Dec. 3	Kaarlela, Fred	Hancock	Blacksmithing	2	....	2	....	1908

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	HOUGHTON CO.—*Con.*							
Dec. 2	Lieblein, Ed. M	Hancock	Provisions	29	1	30	....	1888
Dec. 2	Lindquist, Henry	Hancock	Baked goods	10	....	10	....	1910
Dec. 2	Mason, Chas. S	Hancock	Grain, feed, etc	5	2	7	....	1904
Dec. 3	National Bottling Works	Hancock	Soft drinks	3	....	3	....	1904
Nov. 25	Park Brewing Co., The	Hancock	Beer	14	....	14	....	1907
Dec. 5	Peoples Fuel Co., The	Hancock	Wood and coal	17	2	19	....	1907
Dec. 1	Portage Coal & Dock Co., The	Hancock	Coal and wood	31	1	32	....	1902
Dec. 15	Quincy Mining Co	Hancock	Copper	774	3	777	....	1848
Jan. 5	Quincy Mining Co	Hancock	Copper	1,155	3	1,158	....	1848
Dec. 1	Richards, Lawrence	Hancock	Cigars	6	....	6	....	1908
Dec. 3	Sam, D. B	Hancock	Laundry	2	....	2	....	1909
Nov. 26	Scotts Laundry	Hancock	Laundry	6	13	19	....	1894
Dec. 2	Superior Bottling Works, The	Hancock	Soft drinks	3	....	3	....	1900
Dec. 2	Verville, Archie J	Hancock	Wooden work	18	....	18	....	1900
Nov. 18	Bell & Porkka	Houghton	Harness	4	....	4	....	1905
Nov. 20	Bliss, Wm	Houghton	Custom clothing	2	....	2	....	1908
Nov. 20	Carroll Foundry, The	Houghton	Castings	45	....	45	....	1893
Nov. 15	City Candy Kitchen	Houghton	Candy	4	1	5	....	1909
Nov. 13	Cochran, John A	Houghton	Soft drinks	5	....	5	....	1908
Nov. 21	Copper Range Railroad	Houghton	Car repairing	238	8	246	....	1900
Nov. 24	Crago & Lauren	Houghton	Custom clothing	6	2	8	....	1912
Nov. 20	Croze, Joseph	Houghton	Coal, wood, etc	17	....	17	....	.....
Nov. 22	Cudahy Packing Co., The	Houghton	Meats	6	....	6	....	1907
Nov. 25	Gray, W. T	Houghton	Blacksmithing	3	....	3	....	1892
Nov. 19	Haas, A. Brewing Co	Houghton	Beer	25	....	25	....	1859
Nov. 13	Hall Electric Co	Houghton	Electrical supplies	2	1	3	....	1904
Nov. 13	Hillenbrand, Jacob	Houghton	Boots and shoes	2	1	3	....	1875
Nov. 20	Hobbs, Henry	Houghton	Blacksmithing	3	....	3	....	1906
Dec. 26	Isle Royale Copper Co	Houghton	Copper	46	....	46	....	1900
Nov. 22	Karger, S. & Sons	Houghton	Meats	5	....	5	....	1887
Nov. 14	Kelly, W. J	Houghton	Cigars	3	....	3	....	1904
Nov. 24	Lakeside Floral Co	Houghton	Flowers	7	4	11	....	1900
Nov. 21	Markham, Chas. J. & Co	Houghton	Candy	13	32	45	1	1894
Nov. 21	Mining Gazette Co., The	Houghton	Printed matter	43	3	46	....	1898
Nov. 17	Morris & Co	Houghton	Meats	5	....	5	....	1902
Nov. 14	Needham Bros	Houghton	Laundry	8	22	30	....	1902
Nov. 22	Northern Garage & Supply Co	Houghton	Auto repairing	13	1	14	....	1910
Nov. 13	Peninsular Wholesale Grocery, The	Houghton	Groceries	19	2	21	....	1902
Nov. 13	Peoples Meat Market	Houghton	Meats	10	....	10	....	1907
Nov. 24	Ruelle, John J	Houghton	Meats	3	....	3	....	1905
Dec. 16	Scheuermann Brewery	Houghton	Beer	23	....	23	....	1899
Nov. 19	Siefert, George J	Houghton	Harness	2	....	2	....	1887
Nov. 14	Smith, Byers, Sparks Co., Ltd	Houghton	Contracting	34	....	34	....	1913
Nov. 30	Superior Packing Co	Houghton	Meats	5	....	5	....	1911
Nov. 14	Van Orden, M. Co., The	Houghton	Hay, grain, etc	18	4	22	....	1900
Nov. 24	Weir, Richard A	Houghton	Plumbing	3	....	3	....	1908
Dec. 11	Ahmeek Mining Co	Hubbell	Stamping	128	....	128	....	1908
Dec. 11	Calumet & Hecla Smelting Works	Hubbell	Smelting	239	....	239	....	1887
Dec. 11	Hodges, John B	Hubbell	Meats	4	1	5	....	1887
Dec. 11	Hubbell Water, Light & Power Co	Hubbell	Water and power	9	....	9	....	1907
Dec. 11	Opal, Henry	Hubbell	Meats	5	1	6	....	1895
Dec. 11	Osceola Consolidated Mining Co	Hubbell	Stamping	91	....	91	....	1873
Dec. 10	Tamarack Mining Co	Hubbell	Stamping	53	....	53	....	1882
Nov. 13	H. H. Cigar Factory	Huron Town	Cigars	2	1	3	....	1908
Dec. 12	Bosch Brewing Co	Lake Linden	Beer	44	....	44	....	1889
Jan. 14	Calumet & Hecla Mining Co	Lake Linden	Copper	479	....	479	....	1867
Dec. 13	Chatel, Zenon	Lake Linden	Meats	2	1	3	....	1910
Dec. 12	Grammas, George	Lake Linden	Candy	4	....	4	....	1904
Dec. 12	Hennes, L. & Co	Lake Linden	Meats	3	....	3	....	1854

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Factory Inspection.—Continued.

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	HOUGHTON CO.—*Con.*							
Dec. 13	Hopf, Wm	Lake Linden	Repairing	1	1	2	....	1880
Dec. 11	Jilbert, W. C	Lake Linden	Meats	4	1	5	....	1900
Dec. 13	Lamperes, D	Lake Linden	Boots and shoes	1	....	1	....	1912
Dec. 11	Michigan State Telephone Co	Lake Linden	Telephone service	.....	4	4	....	1879
Dec. 13	Roberts, Joseph X	Lake Linden	Meats	2	....	2	....	1908
Dec. 18	Bosh Brewing Co	Laurium	Beer	11	....	11	....	1890
Dec. 19	Columbia Steam Laundry	Laurium	Laundry	5	8	13	....	1893
Dec. 19	Dunlop, John	Laurium	Baked goods	3	1	4	....	1902
Dec. 18	Dupont, J. F	Laurium	Auto repairing	4	....	4	....	1909
Dec. 16	Edwards & Co	Laurium	Meats	7	....	7	....	1905
Dec. 17	Eggen & Hoyem	Laurium	Baked goods	7	1	8	....	1900
Dec. 17	Gourd Bros	Laurium	Meats	3	....	3	....	1899
Dec. 17	Harris, William H	Laurium	Repairing	2	....	2	....	1911
Dec. 18	Kennedy, Tom	Laurium	Custom clothing	5	2	7	....	1910
Dec. 19	Lee's Willie Laundry	Laurium	Laundry	3	....	3	....	1904
Dec. 18	Marta, Domenick	Laurium	Baked goods	4	....	4	....	1893
Dec. 18	Peninsula Heating & Plumbing Co., The	Laurium	Plumbing	13	....	13	....	1907
Dec. 17	Reynolds, Wm. J	Laurium	Meats	8	....	8	....	1898
Dec. 18	Seppala, Mike	Laurium	Custom clothing	2	....	2	....	1901
Dec. 17	Quincy Mining Co	Mason	Copper	114	....	114	....	1848
Jan. 6	Franklin Mining Co	Point Mills	Copper	41	....	41	....	1857
Jan. 26	Superior Copper Co	Portage	Copper rock	145	....	145	....	1904
Dec. 15	Quincy Meat Market	Quincy	Meats	4	....	4	....	1909
Dec. 16	Lake Superior Stone Brick Co	Ripley	Brick	28	....	28	....	1897
Nov. 18	Atlas Powder Co	Senter	Dynamite	91	....	91	....	1910
Jan. 6	Trimountain Mining Co	Trimountain	Copper	372	....	372	...	1899
	HURON COUNTY.							
Oct. 3	Bad Axe Auto Co	Bad Axe	Auto repairing	3	....	3	....	1912
Oct. 3	Bad Axe Democrat	Bad Axe	Printed matter	3	....	3	....	1883
Oct. 3	Bad Axe Grain Co	Bad Axe	Grain	17	40	57	....	1903
Oct. 3	Bad Axe Marble & Granite Works	Bad Axe	Monuments	4	....	4	....	1890
Oct. 3	Bad Axe Laundry	Bad Axe	Laundry	2	1	3	....	1911
Oct. 3	Bad Axe Lumber Co., The	Bad Axe	Lumber	6	....	6	....	1912
Oct. 3	Bakery, The	Bad Axe	Baked goods	3	....	3	....	1903
Oct. 3	Dunlap Garage Co	Bad Axe	Auto repairing	4	1	5	....	1911
Oct. 3	Farmer Elevator & Produce Co	Bad Axe	Farm produce	7	30	37	....	1910
Oct. 3	Huron County Tribune	Bad Axe	Printed matter	6	2	8	....	1875
Oct. 3	Huron Valley Mills	Bad Axe	Flour and feed	4	1	5	....	1898
Oct. 3	McGillevary, A	Bad Axe	Blacksmithing	2	....	2	....	1893
Oct. 3	Morgan, M	Bad Axe	Cigars	1	1	2	....	1904
Oct. 3	Muller, E. B. & Co	Bad Axe	Chicory	16	1	17	....	1899
Oct. 3	Municipal Electric Light & Water Plant	Bad Axe	Light and water	5	....	5	....	1894
Oct. 3	Rapson, Wm. & Sons	Bad Axe	Machine repairing	4	....	4	....	1874
Oct. 7	Ballard Fish Co	Bay Port	Fish	16	1	17	....	1905
Oct. 7	Bay Port Fish Co	Bay Port	Fish	38	1	39	....	1905
Oct. 7	Gillingham Fishing Co	Bay Port	Fish	43	....	43	....	1893
Oct. 7	Lee, A. B	Bay Port	Meats	1	....	1	....	1904
Oct. 7	Orr, W. J. Fish Co	Bay Port	Fish	9	....	9	....	1905
Oct. 7	Wallace & Orr Co	Bay Port	Farm produce	2	....	2	....	1895
Oct. 6	Heller, J. W. & Co	Caseville	Flour	2	....	2	....	1909
Oct. 6	Saginaw Bay Fish Co	Caseville	Fish	7	....	7	....	1909
Oct. 6	Stackmeyer, C. A	Caseville	Farm produce	2	8	10	....	1895

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	HURON CO.—*Con.*							
Oct. 1	Wallace Co., The	Eagle Bay	Grindstones	45	....	45	2	1880
Oct. 4	Allison, William	Elkton	Flour and feed	3	....	3	....	1911
Oct. 4	Elkton Elevator Co	Elkton	Farm produce	4	24	28	....	1906
Oct. 4	Elkton Meat Market	Elkton	Meats	2	....	2	....	1908
Oct. 4	Farmers & Gleaners Elevator Co	Elkton	Farm produce	4	24	28	....	1913
Oct. 4	Huron County Review	Elkton	Printed matter	2	....	2	....	1909
Oct. 4	Prast, Chas	Elkton	Dressed lumber	1	1	2	....	1901
Oct. 4	Rice Bros	Elkton	Dairy products	3	....	3	....	1908
Oct. 4	Soehner, M. G	Elkton	Woodworking	1	....	1	....	1909
Oct. 4	Taylor & Heyman	Elkton	Cement	5	....	5	....	1905
Oct. 4	Elkton Elevator Co	Grassmere	Farm produce	2	....	2	....	1903
Oct. 1	Cleveland Stone Co., The	Grindstone	Grindstones	147	....	147	....	1886
Oct. 1	Kinch, Frank	Grindstone	Dairy products	2	....	2	....	1905
Sept. 30	Brown Publishing Co., The	Harbor Beach	Job printing	6	2	8	....	1904
Sept. 30	Frame, Charles H	Harbor Beach	Woodworking	4	....	4	....	1905
Sept. 30	Harbor Beach Steam Laundry	Harbor Beach	Laundry	2	3	5	....	1903
Sept. 30	Harbor Beach Water Works	Harbor Beach	Water	3	....	3	....	1897
Sept. 30	Huron Milling Co., The	Harbor Beach	Corn starch	92	2	94	....	1902
Sept. 30	Huron Milling Co., The	Harbor Beach	Starch	30	1	31	....	1902
Sept. 30	Huron Milling Co., The	Harbor Beach	Flour and feed	8	....	8	....	1902
Sept. 30	Huron Milling Co., The	Harbor Beach	Macaroni	9	13	22	....	1902
Sept. 30	Huron Milling Co., The	Harbor Beach	Farm produce	2	....	2	....	1902
Sept. 30	Huron Milling Co., The	Harbor Beach	Power and light	11	....	11	....	1902
Sept. 30	Lermont, H. & Son	Harbor Beach	Machine repairing	2	....	2	....	1913
Sept. 30	News Printing Co	Harbor Beach	Printed matter	4	....	4	1	1911
Sept. 30	Producers Elevator Co	Harbor Beach	Farm produce	5	16	21	....	1910
Sept. 30	Wehner & Toppin	Harbor Beach	Cement	13	....	13	....	1912
Oct. 6	Warner, Fred M. Cheese Co	Kilmanagh	Cheese	1	1	2	....	1903
Oct. 3	Challenge Roller Mill	Kinde	Flour	3	....	3	....	1902
Oct. 3	Kinch Creamery Co., The	Kinde	Dairy products	1	....	1	....	1906
Oct. 3	Kinde Advertiser, The	Kinde	Printed matter	2	....	2	....	1913
Oct. 3	Kinde Lumber Yards	Kinde	Lumber	2	....	2	....	1902
Oct. 3	Wallace Co., The	Kinde	Farm produce	4	24	28	....	1903
Oct. 6	Linkville Grist Mill	Linkville	Flour	2	....	2	....	1901
Oct. 6	Owendale Grain & Lumber Co	Owendale	Grain and lumber	5	20	25	....	1908
Oct. 6	Owendale Herald	Owendale	Printed matter	1	....	1	....	1909
Oct. 6	Warner, Fred M. Cheese Co	Owendale	Cheese	2	....	2	....	1903
Oct. 4	Diebol Auto Co	Pigeon	Auto repairing	2	....	2	....	1903
Oct. 4	Dondineau, L. W	Pigeon	Flour	3	....	3	....	1898
Oct. 4	Gotthardt, Frank	Pigeon	Blacksmithing	1	....	1	....	1902
Oct. 4	Huron County Creamery Co	Pigeon	Dairy products	2	....	2	....	1909
Oct. 4	Krehj William	Pigeon	Cement and tile	3	....	3	....	1909
Oct. 4	Leipprandt Bros	Pigeon	Farm produce	3	20	23	....	1895
Oct. 4	Pigeon Butter Co	Pigeon	Dairy products	2	....	2	....	1907
Oct. 4	Pigeon Elevator Co., The	Pigeon	Farm produce	2	23	25	....	1900
Oct. 4	Pigeon Ice Cream & Supply Co	Pigeon	Ice cream	3	....	3	....	1909
Oct. 4	Pigeon Lumber Co	Pigeon	Dressed lumber	3	....	3	....	1901
Oct. 4	Pigeon Progress	Pigeon	Printed matter	2	1	3	....	1897
Oct. 4	Pigeon Wood Novelty Mfg. Co	Pigeon	Kitchen cabinets	17	....	17	....	1913
Oct. 4	Warner's Pigeon Creamery	Pigeon	Dairy products	4	....	4	....	1903
Oct. 2	Huron Canning Co	Port Austin	Canned goods	6	60	66	....	1906
Oct. 2	Port Austin News	Port Austin	Job printing	2	....	2	....	1905
Oct. 2	Port Austin Water Works	Port Austin	Water	1	....	1	....	1913
Oct. 2	Wallace Co., The	Port Austin	Farm produce	2	....	2	....	1900
Oct. 1	Carr, S. E	Port Hope	Blacksmithing	1	....	1	....	1872
Oct. 1	Hermann Bros. Lumber Co	Port Hope	Woodwork	2	....	2	....	1911
Oct. 1	Miblethaler Co., The	Port Hope	Farm produce	3	24	27	....	1905
Oct. 1	Stafford Roller Flour Mill, The	Port Hope	Flour and feed	3	....	3	....	1885
Oct. 7	Wallace Stone Co., The	Quarry	Stone	67	1	68	....	.....
Oct. 1	Morrison, Wilmot Lee	Redman	Blacksmithing	1	....	1	....	1901

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Factory Inspection.—Continued.

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	HURON CO.—*Con.*							
Oct. 1	Redman Cheese Factory	Redman	Cheese	1	....	1	....	1906
Oct. 1	Ruth Creamery Co., The	Ruth	Dairy products	2	....	2	....	1901
Oct. 1	Ruth Elevator	Ruth	Farm produce	3	1	4	....	1907
Oct. 1	Ruth Roller Mill	Ruth	Flour and feed	3	....	3	....	1905
Oct. 6	Braun, Otto N	Sebewaing	Blacksmithing	2	....	2	....	1910
Oct. 6	Huron County Brewing Co	Sebewaing	Beer	8	....	8	....	1901
Oct. 6	Kellogg, W. H	Sebewaing	Castings	5	....	5	....	1907
Oct. 6	Liken, John C. & Co	Sebewaing	Flour	7	....	7	....	1871
Oct. 6	Liken, John C. & Co	Sebewaing	Farm produce	1	....	1	....	1880
Oct. 6	Michigan Sugar Co	Sebewaing	Sugar	199	7	206	....	1902
Oct. 6	Sebewaing Blade, The	Sebewaing	Printed matter	1	1	2	....	1903
Oct. 6	Sebewaing Lumber & Mfg. Co	Sebewaing	Dressed lumber	5	....	5	....	1893
Oct. 6	Sebewaing Sandstone Brick Co	Sebewaing	Brick	16	1	17	....	1903
Oct. 6	Thumb Co-operative Creamery Co	Sebewaing	Dairy products	2	....	2	....	1909
Oct. 2	Courier, The	Ubly	Printed matter	2	1	3	....	1907
Oct. 2	Crorey, David	Ubly	Lumber	6	....	6	....	1896
Oct. 2	Ferriby, J. W	Ubly	Castings	2	....	2	....	1898
Oct. 2	Michigan Cereal Co	Ubly	Cereals	1	....	1	....	1907
Oct. 2	Morris, Jas	Ubly	Cement	8	....	8	....	1908
Oct. 2	Page Milk Co	Ubly	Dairy products	20	4	24	....	1907
Oct. 2	Ubly Grain Co	Ubly	Farm produce	2	20	22	....	1903
Oct. 2	Ubly Roller Mills	Ubly	Flour and feed	3	....	3	....	1910
	INGHAM COUNTY.							
Nov. 6	Abrams, Mrs. A. A	Lansing	Millinery	.....	4	4	....	1893
Nov. 25	Acme Carpet Cleaning Co., The	Lansing	Carpet cleaning	4	1	5	....	1904
Nov. 19	Acme Engine Co., The	Lansing	Engines	22	1	23	....	1903
Dec. 10	Acorn Press, The	Lansing	Job printing	2	....	2	....	1913
Nov. 29	Allen Printing Co	Lansing	Job printing	6	9	15	....	1904
Nov. 12	Allen-Sparks Gas Light Co., Inc	Lansing	Lighting devices	17	6	23	....	1898
Dec. 10	Alpha Floral Co., The	Lansing	Flowers	7	2	9	....	1912
Nov. 13	American Cut Glass Co	Lansing	Cut glass	33	4	37	....	1903
Dec. 12	American Dry Cleaning & Dye Works	Lansing	Cleaning and dyeing	2	1	3	....	1912
Dec. 2	American Laundry, The	Lansing	Laundry	9	36	45	....	1905
Nov. 13	Armstrong, W. W. & Co	Lansing	Plumbing	6	....	6	....	1883
Dec. 12	Atkins & Finkbiner	Lansing	Blacksmithing	4	....	4	....	1912
Nov. 12	Atlas Drop Forge Co	Lansing	Drop forgings	113	1	114	....	1908
Nov. 18	Auto Body Co., The	Lansing	Auto bodies	240	1	241	....	1901
Nov. 14	Au Sable Electric Co	Lansing	Electricity	3	....	3	....	1906
Nov. 12	Auto Tire & Repair Co	Lansing	Auto supplies	1	1	2	....	1911
Nov. 19	Auto Wheel Co., The	Lansing	Wheels	56	....	56	....	1909
Nov. 22	Barker-Cole Electric Co	Lansing	Electrical supplies	17	1	18	....	1912
Dec. 12	Barker, Perry Candy Co	Lansing	Candy	6	....	6	....	1907
Dec. 12	Barnes, Will L	Lansing	Plumbing	3	1	4	....	1910
Dec. 11	Bascom & Smith	Lansing	Sporting goods	5	....	5	....	1891
Nov. 12	Bates & Edmonds Motor Co	Lansing	Gas engines	105	3	108	....	1899
Nov. 19	Bates Tractor Co	Lansing	Gasoline tractors	22	1	23	....	1910
Dec. 10	Beck, Louis D	Lansing	Cigars	3	....	3	....	1909
Dec. 4	Bement Stove Repair Co	Lansing	Stove repairing	2	1	3	....	1906
Nov. 13	Benders Pattern Works	Lansing	Patterns	4	....	4	....	1908
Nov. 19	Bennett-Buick Auto Co	Lansing	Auto repairing	3	....	3	....	.....
Dec. 11	Berger Cigar Co	Lansing	Cigars	2	1	3	....	1911
Dec. 3	Bishop, A. G	Lansing	Dry cleaning	5	2	7	....	1891
Dec. 10	Board of Water Works	Lansing	Light and water	40	5	45	....	1885

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	INGHAM CO.—*Con.*							
Dec. 10	Boess, Fred	Lansing	Custom clothing	1	1	2	....	1908
Dec. 2	Bohnet, John & Co	Lansing	Auto tops	18	3	21	....	1910
Dec. 11	Bohnet, W. F. Electrical Co	Lansing	Electrical supplies	5	1	6	....	1906
Nov. 19	Bopp, Emanuel	Lansing	Blacksmithing	3	....	3	....	1891
Dec. 12	Brackett, Carl F	Lansing	Custom clothing	2	2	4	....	1908
Nov. 13	Breisch, Christian & Co., No. 1	Lansing	Grain, seeds, etc	2	20	22	....	1895
Nov. 18	Breisch, Christian & Co	Lansing	Flour and feed	13	2	15	....	1887
Nov. 19	Breisch, Christian & Co	Lansing	Grain and beans	6	20	26	....	1893
Nov. 12	Briggs Co., The	Lansing	Building material	19	1	20	....	1903
Dec. 10	Broas' Tailoring House	Lansing	Custom clothing	2	1	3	....	1879
Nov. 21	Brown Machine & Engine Co	Lansing	Machine repairing	3	1	4	....	1911
Dec. 10	Brownwall Engine & Pulley Co., The	Lansing	Engines and pulleys	14	1	15	....	1911
Nov. 15	Brownwall Engine & Pulley Co., The	Lansing	Engines	18	1	19	....	1912
Nov. 5	Burnett, Miss Florence	Lansing	Gowns	....	4	4	....	1910
Nov. 18	Bush Glass Co	Lansing	Cut glass	21	4	25	....	1911
Nov. 13	Butler-Langevin Lumber Co	Lansing	Lumber	7	....	7	....	1912
Dec. 10	Cadet Tailors	Lansing	Custom clothing	4	1	5	....	1911
Dec. 12	Cahill Coal Co	Lansing	Coal and coke	3	1	4	....	1913
Dec. 9	Canrike, F. S	Lansing	Cigars	5	1	6	....	1905
Nov. 14	Capital Auto Co	Lansing	Automobiles	16	1	17	....	1907
Nov. 13	Capital Casting Co	Lansing	Castings	42	....	42	....	1896
Nov. 20	Capitol Coal & Ice Co	Lansing	Coal and ice	8	1	9	....	1898
Dec. 11	Capital Electric Supply Co	Lansing	Electrical supplies	17	4	21	....	1893
Dec. 2	Capital Engineering & Tool Works	Lansing	Machinery	10	....	10	....	1913
Nov. 21	Case, J. I. Threshing Machine Co	Lansing	Farm machinery	9	....	9	....	1909
Nov. 25	Central Welding Co	Lansing	Welding	4	....	4	....	1912
Nov. 6	Churchill, Mrs. Ida	Lansing	Dressmaking	....	3	3	....	1893
Nov. 28	Citizens Telephone Co	Lansing	Telephone service	15	23	38	....	1895
Dec. 9	Clippert, Spaulding & Co	Lansing	Brick and tile	43	1	44	....	1886
Nov. 21	Williams Coal Co	Lansing	Coal	9	1	10	....	1905
Nov. 21	Cogswell, John H	Lansing	Patterns	3	....	3	....	1908
Nov. 20	Cohen & Barry	Lansing	Coal	6	1	7	....	1902
Dec. 12	Collver, Frank T. Shirt Co	Lansing	Shirts, etc	3	2	5	....	1911
Dec. 10	Cove Lumber & Finish Co	Lansing	Lumber	7	....	7	....	1913
Dec. 4	Crystal Laundry	Lansing	Laundry	6	13	19	....	1903
Nov. 26	Davis Hand Laundry	Lansing	Laundry	4	8	12	....	1899
Dec. 1	Davis Ice Cream Co	Lansing	Ice cream	7	1	8	....	1880
Nov. 21	Deere, John Plow Co	Lansing	Farm machinery	19	1	20	....	1912
Dec. 2	Depue, W. A	Lansing	Cigar boxes	5	7	12	....	1896
Nov. 5	Donehue & Smith	Lansing	Dressmaking	....	2	2	....	1911
Nov. 21	Dudley Paper Co., The	Lansing	Paper	12	3	15	....	1911
Nov. 5	Dunnigan, A. & R	Lansing	Dressmaking	....	2	2	....	1912
Dec. 2	Electric Specialties Co., The	Lansing	Electrical supplies	13	....	13	....	1912
Dec. 5	Emergency Forge Co	Lansing	Drop forgings	44	1	45	....	1910
Nov. 19	Eureka Machine Co	Lansing	Mixers	29	2	31	....	1907
Nov. 6	Fader, Mrs. Mary A	Lansing	Millinery	....	2	2	....	1912
Dec. 11	Fitzgerald, J. E	Lansing	Plumbing	5	1	6	....	1905
Dec. 2	Fleming, James	Lansing	Roofing	15	1	16	....	1883
Dec. 4	Fox Garment Co., The	Lansing	Dresses, waists, etc	5	23	28	....	1913
Dec. 12	Freedman, H. H	Lansing	Cigars	5	1	6	....	1883
Nov. 18	Friedland Iron & Metal Co	Lansing	Junk	10	....	10	....	1903
Nov. 12	Furgason Mfg. Co., Inc	Lansing	Machine repairing	6	....	6	....	1913
Nov. 26	Gardner Printing Co	Lansing	Job printing	4	1	5	....	1897
Dec. 6	Genesee Fruit Co	Lansing	Apple products	52	1	53	....	1889
Nov. 12	Gerson-Carey Co	Lansing	Castings	22	....	22	....	1903
Dec. 11	Gibson, The	Lansing	Ladies' clothing	1	1	2	....	1913
Nov. 25	Gier & Dail Co., The	Lansing	Metal specialties	60	19	79	....	1908
Nov. 14	Gifford Engine Co., Inc	Lansing	Gasoline engines	12	....	12	....	1912
Dec. 2	Godfrey, George H	Lansing	Carpet cleaning	3	....	3	....	1891
Dec. 2	Godfrey Pattern Works	Lansing	Patterns	2	....	2	....	1909

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Factory Inspection.—Continued.

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	INGHAM CO.—*Con.*							
Nov. 27	Gordon Plumbing & Heating Co	Lansing	Plumbing	6	1	7	....	1900
Dec. 6	Grand Trunk Railway System	Lansing	Freight	16	1	17	....	.....
Dec. 10	Gross Bros	Lansing	Plumbing	10	....	10	....	1913
Nov. 13	Hall Lumber Co	Lansing	Lumber	27	....	27	....	1873
Dec. 5	Hammond Beef & Provision Co., The	Lansing	Meats	8	....	8	....	1892
Dec. 10	Harrington, F. B	Lansing	Sheet metal, etc	14	1	15	....	1906
Nov. 17	Harrington & Finch	Lansing	Sheet metal	22	1	23	....	1905
Dec. 10	Heiler, Fred & Son	Lansing	Cigars	8	1	9	....	1904
Dec. 10	Hermann's, John Sons	Lansing	Custom clothing	19	13	32	....	1878
Nov. 5	Herbison, Anna	Lansing	Millinery	.....	4	4	....	1905
Nov. 6	Hicks, Mrs. Effie	Lansing	Millinery	.....	2	2	....	1913
Dec. 2	Himes Mfg. Co	Lansing	Farm implements	6	1	7	....	1909
Nov. 5	Howard, Miss Lillian	Lansing	Millinery	.....	5	5	....	1904
Nov. 15	Huber Mfg. Co., The	Lansing	Machinery	8	1	9	....	1898
Nov. 14	Isbell-Brown Co	Lansing	Beans, etc	8	42	50	....	1905
Nov. 13	Island City Creamery	Lansing	Dairy products	4	....	4	....	1910
Nov. 21	International Harvester Co. of America	Lansing	Farm machinery	11	3	14	....	1911
Dec. 4	International Publishing Co	Lansing	Job printing	5	2	7	....	1908
Nov. 20	Jackson, Oscar F	Lansing	Job printing	7	4	11	....	1905
Nov. 14	Jarvis Engine & Machine Works	Lansing	Structural steel	20	1	21	....	1893
Nov. 21	Johnston Harvester Co., The	Lansing	Farm machinery	3	2	5	....	1910
Nov. 5	Jones, Miss Myrtle	Lansing	Hair goods	.....	2	2	....	1909
Dec. 12	Keith, W. J	Lansing	Soft drinks	3	....	3	....	1908
Nov. 14	Keokuk Canning Co	Lansing	Pickles, etc	15	16	31	....	1904
Nov. 5	Kneeland, Carrie	Lansing	Millinery	.....	3	3	....	1898
Nov. 19	Korff Mfg. Co	Lansing	Hardware specialties	20	3	23	....	1909
Dec. 10	Kositchek, Adolph	Lansing	Custom clothing	1	1	2	....	1909
Nov. 18	Lake Shore & Michigan Southern Ry. Co	Lansing	Freight	17	....	17	....	.....
Nov. 15	Lansing Artificial Stone Co., The	Lansing	Building material	7	....	7	....	1870
Nov. 18	Lansing Brewing Co	Lansing	Beer	21	....	21	....	1899
Nov. 17	Lansing Co	Lansing	Wheelbarrows, etc	336	21	357	....	1881
Nov. 26	Lansing Evening Press	Lansing	Printed matter	19	3	22	....	1912
Nov. 14	Lansing Foundry Co., The	Lansing	Castings	17	....	17	....	1913
Nov. 25	Lansing Fuel & Gas Co	Lansing	Gas and coke	84	3	87	....	1905
Nov. 12	Lansing Granite Co	Lansing	Monuments	5	....	5	....	1888
Dec. 3	Lansing Ice Cream Co	Lansing	Ice cream	3	1	4	....	1911
Dec. 2	Lansing Laundry Co., Inc., The	Lansing	Laundry	7	31	38	....	1910
Dec. 1	Lansing Mirror Works	Lansing	Beveling	2	....	2	....	1913
Nov. 13	Lansing Motor Pump Co., Inc	Lansing	Engines and pumps	9	1	10	....	1901
Nov. 18	Lansing Pure Ice Co	Lansing	Ice	29	1	30	....	1907
Dec. 3	Lansing Repair Co., The	Lansing	Repairing	4	....	4	....	1912
Dec. 2	Lansing Sanitary Iceless Packer Co	Lansing	Ice cream packers	24	1	25	....	1912
Dec. 11	Lansing Sheet Metal Works	Lansing	Tin and sheet metal	4	....	4	....	1908
Nov. 14	Lansing Shirt Co	Lansing	Shirts	1	11	12	....	1890
Nov. 12	Lansing Tent & Awning Co	Lansing	Tents and awnings	2	1	3	....	1913
Nov. 28	Lansing Tool & Supply Co	Lansing	Factory supplies	5	2	7	....	1909
Dec. 2	Lansing Vulcanising Co	Lansing	Vulcanising	2	....	2	....	1911
Nov. 25	Lansing Wagon Works	Lansing	Wagons and carriages	75	1	76	....	1881
Dec. 2	Lawrence, G. E. & Son	Lansing	Baked goods	31	3	34	....	1893
Nov. 22	Lawrence & Van Buren Printing Co	Lansing	Job printing	9	6	15	....	1897
Nov. 26	Leadley, F. G	Lansing	Plumbing	17	1	18	....	1899
Dec. 2	Lem Jim s Chinese Laundry	Lansing	Laundry	3	....	3	....	1912
Nov. 12	Lesher Cigar Mfg. Co	Lansing	Cigars	3	40	43	....	1873
Nov. 15	Longstreet Lumber Co	Lansing	Lumber, etc	29	1	30	....	1899
Dec. 6	Lyons, Hugh & Co	Lansing	Store fixtures	93	7	100	....	1890

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	INGHAM CO.—*Con.*							
Dec. 2	McBride, J. A. & Son	Lansing	Baked goods	4	2	6	....	1908
Nov. 18	Madison Milling Co	Lansing	Flour and feed	4	1	5	....	1912
Nov. 6	Mahoney-Urbom Co	Lansing	Dressmaking	.....	9	9	....	1906
Dec. 2	Markey, James	Lansing	Marble and granite	9	....	9	....	1888
Nov. 6	Matthey, Miss Nellie J	Lansing	Dressmaking	.....	2	2	....	1901
Nov. 28	Maynard, J. E. Co	Lansing	Engraving	7	1	8	....	1910
Nov. 17	Meagher, John	Lansing	Coal and wood	8	1	9	....	1891
Nov. 26	Me and Pa Cigar Co	Lansing	Cigars	3	....	3	....	1870
Nov. 17	Michigan Brass & Iron Works, The	Lansing	Castings	18	1	19	....	1906
Nov. 14	Michigan Bridge & Pipe Co	Lansing	Bridges, etc	40	2	42	....	1902
Nov. 13	Michigan Butter & Egg Co	Lansing	Dairy products	7	5	12	....	1903
Nov. 21	Michigan Central Railroad Co	Lansing	Freight	35	1	36	....	.....
Dec. 2	Michigan Crank Shaft Co	Lansing	Crank shaft finishings	43	....	43	....	1907
Nov. 17	Michigan Condensed Milk Co	Lansing	Condensed milk	45	31	76	....	1885
Nov. 13	Michigan Knitting Co	Lansing	Knit goods	7	27	34	....	1892
Nov. 22	Michigan Power Co	Lansing	Power	42	3	45	....	1906
Dec. 3	Michigan Rubber Repair Co	Lansing	Tire repairing	4	....	4	....	1908
Nov. 13	Michigan Screw Co	Lansing	Screw machine products	122	1	123	....	1907
Dec. 2	Michigan State Telephone Co	Lansing	Telephone service	15	29	44	....	1880
Nov. 22	Michigan Supply Co	Lansing	Belting, pipe, etc	11	2	13	....	1874
Nov. 18	Michigan United Traction Co	Lansing	Passenger service	360	....	360	....	1911
Nov. 25	Model Laundry	Lansing	Laundry	2	5	7	....	1901
Nov. 19	Moers, P. J	Lansing	Sheet iron	5	....	5	....	1892
Nov. 6	Moore, Mrs. Carrie	Lansing	Dressmaking	.....	5	5	....	1905
Nov. 6	Morrison's	Lansing	Millinery	1	4	5	....	1911
Nov. 17	National Coil Co., Inc	Lansing	Electrical supplies	130	15	145	....	1902
Nov. 21	National Grocer Co	Lansing	Groceries	18	2	20	....	1903
Dec. 12	Nemoka Wood Work Co.	Lansing	Cases, boxes, etc	5	....	5	....	1911
Nov. 19	New Way Motor Co., The	Lansing	Gas engines	173	10	183	....	1904
Nov. 25	Northrup, Robertson & Carrier Co	Lansing	Groceries	24	6	30	....	1902
Nov. 19	Novo Engine Co	Lansing	Engines and castings	211	4	215	....	1902
Dec. 12	Noyes, Wm. C	Lansing	Plumbing	5	1	6	....	1909
Dec. 11	Oakland Dry Cleaning Parlors	Lansing	Pressing and cleaning	2	....	2	....	1913
Dec. 10	O'Connor, Jas	Lansing	Custom clothing	6	1	7	....	1903
Dec. 5	Olds Motor Works	Lansing	Automobiles	621	27	648	....	1880
Dec. 12	O'Mara, J. D	Lansing	Custom clothing	8	2	10	....	1907
Nov. 21	Omego Separator Co., The	Lansing	Separators	113	18	131	....	1888
Nov. 13	Original Gas Engine Co	Lansing	Gas engines	64	2	66	....	1911
Nov. 21	Owosso Sugar Co	Lansing	Sugar	308	11	319	....	1911
Nov. 20	Paragon Refining Co	Lansing	Oils	10	3	13	....	1896
Dec. 13	Parisian Laundry	Lansing	Laundry	1	1	2	....	1910
Dec. 11	Parmelee Printing House	Lansing	Job printing	2	....	2	....	1910
Nov. 18	Parmelee & Ryan	Lansing	Feed	3	....	3	....	1901
Nov. 21	Pere Marquette Railroad Co	Lansing	Freight	16	1	17	....	.....
Dec. 2	Perry Chain Grip Co	Lansing	Auto chains	11	1	12	....	1909
Dec. 5	Peterson, G. E	Lansing	Feed	2	....	2	....	1905
Nov. 6	Piper, Mrs. Carrie E	Lansing	Dressmaking	.....	2	2	....	1911
Dec. 5	Piper G. E. & Son	Lansing	Shoe repairing	2	....	2	....	1910
Dec. 3	Powell, Harry	Lansing	Machine repairing	2	....	2	....	1908
Nov. 5	Powers, Miss Mary E	Lansing	Gowns	.....	4	4	....	1903
Nov. 17	Powers, W. B	Lansing	Repairing	3	....	3	....	1893
Dec. 5	Proctor, E. P	Lansing	Cigars	2	1	3	....	1909
Nov. 20	Prudden, W. K. & Co	Lansing	Auto wheels	702	4	706	....	1903
Dec. 3	Quality Cigar Co	Lansing	Cigars	3	1	4	....	1911
Dec. 12	Quality Print Shop	Lansing	Job printing	3	....	3	....	1912
Nov. 27	Queen Bee Cigar Co	Lansing	Cigars	2	1	3	....	1908
Dec. 8	Reo Motor Car Co	Lansing	Automobiles	1,658	42	1,700	....	1904
Nov. 22	Reo Motor Truck Co	Lansing	Motor trucks	165	....	165	....	.....
Dec. 11	Reutter Market, The	Lansing	Meats	9	1	10	....	1895
Dec 3	Rice, E. E. & Co	Lansing	Cleaning, etc	4	....	4	....	1908

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	INGHAM CO.—*Con.*							
Nov. 12	Rikerd Lumber Co	Lansing	Lumber	48	....	48	....	1896
Dec. 10	Ripley & Gray Printing Co., The	Lansing	Job printing	9	3	12	....	1907
Nov. 6	Rochester, Mrs. F. M	Lansing	Millinery	.....	2	2	....	1911
Dec. 3	Roethlisberger, F. A., Jr	Lansing	Auto repairing	4	....	4	....	1912
Nov. 6	Rogers, Miss Nellie	Lansing	Millinery	.....	2	2	....	1911
Nov. 25	Rork, M. D. & Co	Lansing	Windmills, etc	3	1	4	....	1910
Dec. 1	Ross, S	Lansing	Shoe repairing	3	....	3	....	1910
Nov. 14	Royeroft Printing Co., The	Lansing	Job printing	2	5	7	....	1908
Nov. 26	R. and R. Garage Co., The	Lansing	Auto repairing	3	....	3	....	1912
Nov. 5	Sanitary Hair Goods	Lansing	Hair goods	.....	2	2	....	1908
Dec. 1	Sattler Cigar Co., The	Lansing	Cigars	4	1	5	....	1909
Dec. 11	Savage, F. R	Lansing	Custom clothing	5	3	8	....	1890
Nov. 26	Schneider, J. C	Lansing	Carriages, wagons	6	....	6	....	1900
Dec. 5	Seager Engine Works	Lansing	Engines	210	6	216	....	1903
Dec. 10	Sedina, T. H	Lansing	Custom clothing	10	1	11	....	1882
Nov. 14	Shields, Thomas J	Lansing	Plumbing	12	1	13	....	1913
Nov. 18	Simon, A. Iron Co	Lansing	Iron, steel, etc	13	2	15	....	1888
Nov. 26	Smith, Robert Printing Co	Lansing	Printed matter	132	25	157	....	1911
Dec. 10	Snell, A. J	Lansing	Custom clothing	3	....	3	....	1896
Dec. 10	Southcombe, Fred M	Lansing	Dry cleaning, etc	2	1	3	....	1905
Nov. 13	Stabler, C. E. & Co	Lansing	Coal and wood	7	....	7	....	1890
Nov. 18	Standard Casting Co., Inc	Lansing	Castings	34	....	34	....	1909
Nov. 12	Standard Oil Co	Lansing	Oils	2	....	2	....	1870
Nov. 28	Star Laundry	Lansing	Laundry	6	13	19	....	1907
Nov. 14	Strang, C. J	Lansing	Job printing	4	....	4	....	1902
Dec. 10	Sugar Bowl, The	Lansing	Candy	7	6	13	....	1908
Dec. 12	Sullivan & Co	Lansing	Soft drinks	6	....	6	....	1886
Dec. 12	Taylor, F. B	Lansing	Plumbing	2	1	3	....	1913
Nov. 22	Thoman Milling Co	Lansing	Flour, feed and grain	13	....	13	....	1869
Nov. 22	Toolan, John	Lansing	Plumbing	6	1	7	....	1889
Nov. 14	Trager, F. C	Lansing	Coal and wood	5	1	6	....	1908
Nov. 27	True Blue Gum Co., The	Lansing	Gum	4	7	11	....	1909
Nov. 28	United Engine Co	Lansing	Engines	11	7	18	....	1909
Nov. 26	Wagenvoord & Co	Lansing	Book binding	8	8	16	....	1902
Nov. 6	Wagner, Miss Katherine	Lansing	Millinery	.....	3	3	....	1913
Dec. 1	Ward, H. C. & Co	Lansing	Sheet metal	10	....	10	....	1899
Nov. 5	Wershow, S. M	Lansing	Tailoring	8	7	15	....	1909
Dec. 2	Winans, N. H. & Son	Lansing	Dairy produce	21	2	23	....	1888
Dec. 1	Wolverine Auto Co	Lansing	Auto repairing	4	....	4	....	1911
Nov. 22	Wolverine Salesbooks Co	Lansing	Salesbooks	9	6	15	....	1911
Nov. 17	Woods Bros. Silo & Mfg. Co	Lansing	Tanks and silos	27	1	28	....	1912
Nov. 26	Wynkoop, Hallenbeck, Crawford Co	Lansing	Job printing	53	13	66	....	1900
Nov. 13	Young Bros. & Daley	Lansing	Building material	10	....	10	....	1880
Dec. 16	Commonwealth Power Co	Leslie	Electricity	2	1	3	....	1909
Dec. 16	Gilbert & Howard	Leslie	Auto repairing	2	....	2	....	1913
Dec. 16	Holkins, C. W. & Co	Leslie	Lumber	3	....	3	....	1880
Dec. 16	Holts, C. M	Leslie	Blacksmithing	2	....	2	....	1912
Dec. 16	Leslie Butter Co	Leslie	Dairy products	3	....	3	....	1900
Dec. 16	Leslie Elevator Co	Leslie	Farm produce	3	23	26	....	1908
Dec. 16	Leslie Grain & Produce Co	Leslie	Farm produce	3	13	16	....	1899
Dec. 16	Local Republican, The	Leslie	Printed matter	2	2	4	....	1869
Dec. 16	Leslie Water Works	Leslie	Water	2	....	2	....	1900
Dec. 16	O'Bryan, Anna L	Leslie	Millinery	.....	3	3	....	1900
Dec. 16	Scofield Bros	Leslie	Meats	4	....	4	....	1889
Dec. 15	Abrams, Mrs. A. A	Mason	Millinery	.....	3	3	....	1911
Dec. 15	American Steam Laundry	Mason	Laundry	1	1	2	....	1911
Dec. 15	Baldwin, V. R	Mason	Blacksmithing	2	....	2	....	1913
Dec. 15	Charron, Armedes J	Mason	Cigars	2	....	2	....	1912
Dec. 15	Clippers Bakery	Mason	Baked goods	3	1	4	....	1903
Dec. 15	Critchett & Spanier	Mason	Meats	4	....	4	....	1902

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Factory Inspection.—Continued.

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	INGHAM CO.—*Con.*							
Dec. 15	Eckert, Wm. A	Mason	Meats	2	....	2	....	1913
Dec. 15	Electric Light & Pumping Station	Mason	Light and water	5	....	5	....	1890
Dec. 15	Grow, W. G	Mason	Produce	3	....	3	....	1913
Dec. 15	Ingham County Democrat	Mason	Printed matter	2	1	3	....	1876
Dec. 15	Ingham County News	Mason	Job printing	4	....	4	....	1854
Dec. 15	Mason Elevator Co	Mason	Produce	3	20	23	....	1904
Dec. 15	Mason Garage Co.	Mason	Auto repairing	4	....	4	....	1913
Dec. 15	Mason Milling Co	Mason	Flour and feed	3	....	3	....	1908
Dec. 15	Mickelson, C. P	Mason	Lumber	4	....	4	....	1900
Dec. 15	Rayner, Robbins B	Mason	Coal	4	....	4	....	1908
Dec. 17	DePuy, C. E. Co., The	Stockbridge	Produce	2	18	20	....	1884
Dec. 17	Fox-Whitney Lumber Co	Stockbridge	Lumber, lime, etc	4	....	4	....	1885
Dec. 17	Morgan, H. W. Printing Co	Stockbridge	Job printing	3	....	3	....	1896
Dec. 17	Stockbridge City Garage	Stockbridge	Auto repairing	6	1	7	....	1911
Dec. 17	Stockbridge Creamery	Stockbridge	Dairy produce	2	....	2	....	1910
Dec. 17	Stockbridge Electric Light Co	Stockbridge	Light and water	1	....	1	....	1910
Dec. 17	Stockbridge Elevator Co	Stockbridge	Farm produce	3	16	19	....	1895
Dec. 17	Taylor, C	Stockbridge	Flour, feed, etc	2	....	2	....	1913
Dec. 18	Carnes, G. H	Stockbridge	Feed, flour, etc	3	....	3	....	1906
Dec. 18	Chapin-Sacks Mfg. Co	Webberville	Condensed milk	14	1	15	....	1912
Dec. 18	Lockwood, Frank	Webberville	Blacksmithing	2	....	2	....	1900
Dec. 18	Rubert, F	Webberville	Produce	4	20	24	....	1900
Dec. 18	Barritt, F. J	Williamston	Lumber, etc	5	1	6	....	1906
Dec. 18	Corwin, O. D	Williamston	Beans	3	22	25	....	1901
Dec. 18	Craper Lumber Co., The	Williamston	Lumber and coal	4	1	5	....	1901
Dec. 18	Dennis, M. A	Williamston	Grain and produce	4	31	35	....	1890
Dec. 18	Detroit Creamery Co	Williamston	Dairy produce	2	....	2	....	1913
Dec. 18	Linn Produce Co	Williamston	Hay, grain, etc	5	30	35	....	1911
Dec. 18	Model City Mills	Williamston	Flour and feed	3	1	4	....	1896
Dec. 18	"New Way" Knitting Co	Williamston	Knit goods	7	21	28	....	1908
Dec. 18	Smith, Roy	Williamston	Blacksmithing	2	....	2	....	1913
Dec. 18	Thompson, H. A. Co., The	Williamston	Job printing	4	3	7	....	1872
Dec. 18	VanBuren, Frank P	Williamston	Cold storage	8	2	10	....	1892
Dec. 18	VanHorn, L. E	Williamston	Baked goods	2	1	3	....	1912
Dec. 18	Williamston Illuminating Co	Williamston	Light and water	3	....	3	....	1896
Dec. 18	Williamston Steam Laundry	Williamston	Laundry	1	2	3	....	1913
	IONIA COUNTY.							
Dec. 11	Belding-Hall Co	Belding	Refrigerators	289	4	293	....	1884
Dec. 11	Ballou Mfg. Co	Belding	Baskets	50	1	51	....	1891
Dec. 13	Banner Publishing Co	Belding	Printed matter	5	2	7	....	1888
Dec. 17	Belding Broom Co	Belding	Brooms	3	....	3	....	1913
Dec. 12	Belding Bros. & Co	Belding	Silk	184	548	732	7	1890
Dec. 13	Belding City Water Works	Belding	Water	3	....	3	....	1905
Dec. 11	Belding Gas Works	Belding	Gas	5	....	5	....	.....
Dec. 12	Belding Lumber Co	Belding	Lumber	5	....	5	....	1913
Dec. 12	Chappel, E. & Co	Belding	Flour, feed, etc	5	7	12	....	1909
Dec. 17	Citizens Telephone Co	Belding	Telephone service	2	9	11	....	1901
Dec. 12	Clark, W. J. Co	Belding	Monuments	2	....	2	....	1886
Dec. 13	Davis, I. E	Belding	Plumbing	3	....	3	....	.....
Dec. 17	Erricson, M. & E	Belding	Millinery	.....	2	2	....	1911
Dec. 17	Grand Rapids Paper Box Co	Belding	Paper boxes	2	13	15	....	1887
Dec. 16	Haskin, Wm	Belding	Blacksmithing	2	....	2	....	1912
Dec. 16	Herald Publishing Co., The	Belding	Job printing	7	1	8	1	1895
Dec. 17	Hudson, Frank H	Belding	Baked goods	5	....	5	....	1910
Dec. 11	Ireland, Frank T	Belding	Hardware	7	1	8	....	1880
Dec. 17	Knapp, E. J. & Co	Belding	Paints	7	....	7	....	1896
Dec. 17	Lowe, H. A	Belding	Custom clothing	2	....	2	....	1894

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	IONIA CO.—*Con.*							
Dec. 16	Model Market, The	Belding	Meats	5	....	5	....	1906
Dec. 16	O'Bryon, Frank	Belding	Candy	2	....	2	....	1906
Dec. 12	Post Bros	Belding	Beans	3	1	4	....	1910
Dec. 16	Peck, M. E. & Son	Belding	Shoe repairing	4	....	4	....	1903
Dec. 13	Porter, Wess	Belding	Blacksmithing	2	....	2	....	1908
Dec. 11	Purdy, Fred & Co	Belding	Farm produce	2	6	8	....	1905
Dec. 12	Richardson Silk Co	Belding	Silk	62	200	262	2	1887
Dec. 13	Silk City Steam Laundry	Belding	Laundry	2	3	5	....	1907
Dec. 17	Stanton & Sabine	Belding	Millinery	.....	2	2	....	1912
Dec. 16	Stout, C. H	Belding	Cigars	1	1	2	....	1901
Dec. 16	Tuinstra Hardware Co	Belding	Hardware	5	....	5	....	1903
Dec. 13	Ungers Bakery	Belding	Baked goods	5	1	6	....	.....
Dec. 13	Ward & Schlagel	Belding	Meats	2	....	2	....	1911
Dec. 11	Weter-Wise Co., The	Belding	Farm implements	3	....	3	....	1892
Dec. 10	Citisens Telephone Co	Clarksville	Telephone service	1	1	2	....	.....
Dec. 10	Clarksville Record, The	Clarksville	Printed matter	2	1	3	....	.....
Dec. 10	Cool, C. F. & Co	Clarksville	Produce	3	....	3	....	1889
Dec. 10	Hanson, G. B	Clarksville	Blacksmithing	2	....	2	....	.....
Dec. 10	Jordon, Joseph	Clarksville	Meats	3	....	3	....	1910
Dec. 10	Marvin, George E	Clarksville	Hardware	3	....	3	....	1884
Dec. 10	Wilber, H. M	Elmdale	Farm produce	2	10	12	....	1907
Nov. 29	Bennett, C. K. & Son	Hubbardston	Lumber, etc	3	....	3	....	1865
Nov. 29	Grill, I. C	Hubbardston	Hardware	3	....	3	....	1890
Nov. 29	Hubbardston Milling Co	Hubbardston	Flour and feed	4	....	4	....	1856
Nov. 28	Acme Supply Co	Ionia	Auto supplies	3	....	3	....	1911
Nov. 25	Adams, Clyde	Ionia	Coal and produce	2	....	2	....	1912
Nov. 28	Anderson, A	Ionia	Blacksmithing	2	....	2	....	1909
Nov. 25	Anderson Bros	Ionia	Monuments	3	....	3	....	1898
Dec. 5	Arnold, G. W	Ionia	Castings	8	....	8	....	.....
Dec. 5	Arnold, G. W. & Son	Ionia	Castings	9	....	9	....	.....
Nov. 21	Austin & Darling	Ionia	Dairy products	3	....	3	....	1912
Nov. 22	Baker, Frank	Ionia	Meats	3	1	4	....	1901
Nov. 25	Barrett & Scully	Ionia	Cigars	22	6	28	....	1901
Nov. 25	Caine, Miss A. F	Ionia	Millinery	.....	6	6	....	.....
Nov. 25	Cheney, R. M	Ionia	Harness	2	....	2	....	1878
Dec. 5	Citisens Telephone Co	Ionia	Telephone service	2	10	12	....	.....
Dec. 4	City Bakery, The	Ionia	Baked goods	4	1	5	....	1913
Dec. 4	Collier & Greenhoe	Ionia	Meats	2	....	2	....	1906
Nov. 22	Cooper, Mrs. H. L	Ionia	Millinery	.....	7	7	....	.....
Nov. 24	Corner Market, The	Ionia	Meats	2	....	2	....	1906
Nov. 22	Culehan, Joseph	Ionia	Blacksmithing	2	....	2	....	1892
Nov. 22	Field, J. Franklin	Ionia	Furniture	6	....	6	....	1913
Nov. 25	French, G. W. & Son	Ionia	Jewelry	4	1	5	....	.....
Nov. 28	Gable, Henry	Ionia	Plumbing	8	1	9	....	1893
Dec. 4	Gates, T. P	Ionia	Dairy products	4	....	4	....	1912
Dec. 4	Gilley & Farnham	Ionia	Delivery service	11	....	11	....	1909
Nov. 28	Gorham, S. B. & Co	Ionia	Lumber	8	2	10	....	1885
Nov. 25	Hale, J. & Son	Ionia	Grain	4	....	4	....	1901
Nov. 28	Harter, W. A	Ionia	Cigars	3	....	3	....	1896
Nov. 26	Hayes-Ionia Co	Ionia	Auto bodies	319	....	319	....	1910
Nov. 28	Hearsey, R. & Son	Ionia	Sash, doors, etc	2	....	2	....	1882
Nov. 24	Holbrook, J. A	Ionia	Plumbing	6	1	7	....	1906
Nov. 21	Ionia Auto Co	Ionia	Auto repairing	5	....	5	....	.....
Dec. 4	Ionia Bottling Works, The	Ionia	Soft drinks	4	1	5	....	1900
Nov. 26	Ionia Gas & Coke Co., The	Ionia	Gas	9	1	10	....	1899

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Factory Inspection.—Continued.

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	IONIA CO.—*Con.*							
Nov. 21	Ionia Hardware Co	Ionia	Hardware	9	....	9	....	.....
Nov. 26	Ionia Pottery Co	Ionia	Pottery	39	1	40	....	1871
Nov. 21	Ionia Sentinel, The	Ionia	Printed matter	10	....	10	1	1866
Nov. 28	Ionia Standard, The	Ionia	Printed matter	5	3	8	1	1865
Dec. 5	Ionia State Hospital	Ionia	State institution	.....	....	.....	....	.....
Dec. 4	Ionia City Steam Laundry Co	Ionia	Laundry	3	5	8	....	1911
Nov. 22	Ionia Water Works	Ionia	Water	7	....	7	....	1885
Dec. 4	Ireland, Charles A	Ionia	Hardware	9	1	10	....	1904
Nov. 26	Kerstetter, E. H	Ionia	Auto repairing	4	1	5	....	1910
Nov. 21	Kuhts Laundry	Ionia	Laundry	4	7	11	....	1901
Nov. 22	Longe, W. G. & Son	Ionia	Meats	4	....	4	....	1884
Nov. 22	McLaren, J. D. Co., Inc	Ionia	Produce	4	13	17	....	1907
Nov. 25	Mansfield, Hoag & Co	Ionia	Flour and feed	13	....	13	....	1907
Dec. 5	Michigan Reformatory	Ionia	State institution	.....	....	.....	....	.....
Dec. 6	Michigan State Telephone Co	Ionia	Telephone service	1	10	11	....	.....
Nov. 21	Millers Bakery	Ionia	Baked goods	3	2	5	....	1913
Nov. 21	National Express Co	Ion a	Express service	3	....	3	....	.....
Nov. 24	Page-Wirts, W. C. Co., The	Ionia	Coal	11	....	11	....	.....
Nov. 22	Payne, Wm	Ionia	Meats	2	....	2	....	1909
Nov. 25	Pere Marquette Railroad Co	Ionia	Car repairing	254	....	254	....	.....
Nov. 22	Rector Bakery	Ionia	Baked goods	7	....	7	....	1910
Nov. 22	Scheidt Bros	Ionia	Blacksmithing	2	....	2	....	1913
Nov. 28	Schild, P. J	Ionia	Blacksmithing	2	....	2	....	1878
Nov. 22	Smith, K. R	Ionia	Produce	3	14	17	....	1896
Nov. 26	Sorosis Garment Co	Ionia	Garments	13	58	71	....	1888
Nov. 25	Spaulding & Powell	Ionia	Hardware	2	....	2	....	.....
Dec. 5	Stafford, E. H. Mfg. Co	Ionia	Furniture	250	7	257	....	1903
Nov. 28	Standard Oil Co., The	Ionia	Oils	3	....	3	....	.....
Nov. 24	Sugar Bowl, The	Ionia	Candy	2	....	2	....	.....
Dec. 4	Taubert, Julius	Ionia	Carriages	2	....	2	....	1903
Nov. 28	VanVleck, L. C	Ionia	Auto repairing	4	....	4	....	1907
Nov. 28	Vincent Bros	Ionia	Blacksmithing	2	....	2	....	1910
Nov. 25	Vincent, Delbert L	Ionia	Flowers	4	1	5	....	1905
Dec. 4	West, A. L	Ionia	Cigars	2	....	2	....	1913
Nov. 25	Young, Fred Co	Ionia	Hardware	5	....	5	....	1865
Dec. 6	Ypsilanti Reed Furniture Co	Ionia	Furniture	263	59	322	....	1903
Dec. 9	Brummeler & Goodsell	Lake Odessa	Hardware	3	....	3	....	1912
Dec. 9	Carpenter, Claude Implement Co	Lake Odessa	Farm implements	2	....	2	....	1904
Dec. 9	Citizens Telephone Co	Lake Odessa	Telephone service	1	4	5	....	.....
Dec. 9	City Bakery	Lake Odessa	Baked goods	2	1	3	....	1909
Dec. 9	Daily, Charles	Lake Odessa	Blacksmithing	3	....	3	....	1913
Dec. 9	Fair, G. C	Lake Odessa	Cigars	2	....	2	....	1911
Dec. 8	Grand Rapids Cabinet Co	Lake Odessa	Carving	17	1	18	....	1913
Dec. 9	Haddix, B	Lake Odessa	Meats	3	....	3	....	1904
Dec. 8	Heaton, L. H	Lake Odessa	Flour and feed	2	....	2	....	1889
Dec. 9	Kart, C. S	Lake Odessa	Auto repairing	2	....	2	....	1912
Dec. 9	Kart's Flouring Mills	Lake Odessa	Flour and feed	3	....	3	....	.....
Dec. 8	Lake Odessa Milk Co	Lake Odessa	Condensed milk	17	1	18	....	1907
Dec. 8	Lake Odessa Water Works	Lake Odessa	Water	2	....	2	....	1898
Dec. 9	Lake Odessa Wave-Times	Lake Odessa	Printed matter	5	2	7	....	1883
Dec. 9	Lapo, Charles A	Lake Odessa	Harness	2	....	2	....	1909
Dec. 9	Michigan State Telephone Co	Lake Odessa	Telephone service	2	5	7	....	.....
Dec. 8	Mohrhardt Market	Lake Odessa	Meats	3	....	3	....	1904
Dec. 9	Mote, D. A	Lake Odessa	Harness	2	....	2	....	1910

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	IONIA CO.—*Con.*							
Dec. 9	Orndorff, E. F	Lake Odessa	Wagon repairing	1	....	1	....	1890
Dec. 8	Reiser, George F	Lake Odessa	Lumber	4	....	4	....	1907
Dec. 8	Rogers & Chapin	Lake Odessa	Auto repairing	2	....	2	....	.....
Dec. 9	Scheidt, James S	Lake Odessa	Hardware	3	....	3	....	1903
Dec. 8	Smith Bros. Velte & Co	Lake Odessa	Farm produce	5	35	40	....	1887
Dec. 8	Standard Oil Co	Lake Odessa	Oils	2	....	2	....	.....
Dec. 9	Straus, B. B	Lake Odessa	Millinery	.....	6	6	....	1911
Dec. 9	Vetter Hardware Co	Lake Odessa	Hardware	3	....	3	....	1913
Nov. 20	Bradt, A. E	Lyons	Furniture	1	....	1	....	1897
Nov. 20	Hale, Jonathan & Son	Lyons	Flour and feed	11	....	11	....	1867
Nov. 20	Hawley & Johnson	Lyons	Grain and produce	2	....	2	....	1913
Nov. 20	Lyons Herald, The	Lyons	Printed matter	1	1	2	....	1878
Nov. 20	Shoemaker, John H	Lyons	Meats	2	....	2	....	1891
Nov. 20	Burling, W. A	Lyons	Flour and feed	3	....	3	....	1905
Nov. 20	Burtraw, Frank A	Muir	Meats	3	....	3	....	1910
Nov. 20	Muir Blank Button Co	Muir	Buttons	8	....	8	....	1913
Nov. 20	Muir Tribune	Muir	Printed matter	1	....	1	....	.....
Nov. 20	Stoddard, C. A	Muir	Millinery	.....	2	2	....	.....
Nov. 20	Stott & Danner	Muir	Grain	3	....	3	....	1913
Dec. 5	Orleans Creamery Co	Orleans	Dairy produce	7	1	8	....	1898
Dec. 5	Orleans Feed Mill	Orleans	Feed	2	....	2	....	1913
Dec. 5	Post Bros	Orleans	Produce	3	5	8	....	1913
Nov. 19	McGowan, W. C	Pewamo	Woodworking	1	....	1	....	1869
Nov. 19	Pennington & Waigle	Pewamo	Canned goods	6	11	17	....	1907
Nov. 19	Pewamo Bakery Co	Pewamo	Baked goods	2	1	3	....	1910
Nov. 19	Pewamo Creamery Co	Pewamo	Dairy products	1	....	1	....	1908
Nov. 19	Pewamo Farmers Elevator Co	Pewamo	Grain and produce	3	1	4	....	1913
Nov. 19	Thelen, Anthony	Pewamo	Meats	2	....	2	....	1903
Dec. 2	Bauer, John	Portland	Repairing	2	....	2	....	1900
Dec. 2	Berkshire, Fred	Portland	Blacksmithing	2	....	2	....	1913
Dec. 2	Burtch, G. P	Portland	Woodworking	1	....	1	....	.....
Dec. 2	Cassell, William	Portland	Meats	2	....	2	....	.....
Dec. 2	Citizens Telephone Co	Portland	Telephone service	3	6	9	....	.....
Dec. 2	Coleman, Katherine	Portland	Millinery	.....	2	2	....	1911
Dec. 1	Davis, William	Portland	Blacksmithing	2	....	2	....	1909
Dec. 1	Electric Shoe Shop	Portland	Shoe repairing	1	....	1	....	.....
Dec. 3	Hickey Thomas	Portland	Custom clothing	2	....	2	....	1913
Dec. 2	Jenkins, W. S. & Son	Portland	Auto repairing	2	....	2	....	1900
Dec. 2	Lakan, C. D	Portland	Farm produce	2	....	2	....	1887
Dec. 2	Michigan State Telephone Co	Portland	Telephone service	1	5	6	....	.....
Dec. 3	Mills, Agnes	Portland	Millinery	.....	2	2	....	1912
Dec. 1	Newman, Asa	Portland	Coal	2	....	2	....	1898
Dec. 1	Packard & Lewis	Portland	Harness	3	....	3	....	1906
Dec. 3	Peake & Young	Portland	Meats	4	....	4	....	1910
Dec. 2	Pearl, Lewis	Portland	Lumber	1	....	1	....	1909
Dec. 3	Portland City Laundry	Portland	Laundry	2	2	4	....	1884
Dec. 2	Portland Creamery Co	Portland	Dairy produce	1	....	1	....	.....
Dec. 1	Portland Elevator Co	Portland	Produce	7	14	21	....	1910
Dec. 3	Portland Farmers Elevator	Portland	Farm produce	4	26	30	....	1913
Dec. 3	Portland Foundry	Portland	Castings	3	....	3	....	1913
Dec. 3	Portland Hardware Co	Portland	Hardware	4	....	4	....	1895
Dec. 3	Portland Light Co	Portland	Electricity	4	....	4	....	1896
Dec. 2	Portland Mfg. Co	Portland	Washing machines	23	1	24	....	1890
Dec. 1	Portland Milling Co	Portland	Flour and feed	28	....	28	....	1893
Dec. 2	Portland Observer, The	Portland	Printed matter	5	....	5	....	1870
Dec. 3	Portland Review, The	Portland	Printed matter	5	....	5	....	1885
Dec. 2	Portland Washing Machine Co	Portland	Washing machines	3	....	3	....	1912
Dec. 1	Ramsey-Alton Mfg. Co	Portland	Furniture	106	32	138	....	1908
Dec. 3	Sanborn, E. E	Portland	Baked goods	2	1	3	....	1911
Dec. 2	Verity Mfg. Co	Portland	Woodworking	1	....	1	....	.....

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Factory Inspection.—Continued.

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	IONIA CO.—*Con.*							
Dec. 2	Wilhelm, Lewis	Portland	Harness	3	....	3	....	1882
Dec. 1	Wolverine Soap Co	Portland	Soap	11	5	16	....	1893
Dec. 15	Advertiser, The	Saranac	Printed matter	2	2	4	....	1893
Dec. 15	Billinger, M. & Son	Saranac	Machinery	2	....	2	....	1908
Dec. 15	Citizens Telephone Co	Saranac	Telephone service	1	4	5	....	.....
Dec. 15	Compton, H. & Co	Saranac	Meats	3	....	3	....	1912
Dec. 15	Farmer's Cooperative Creamery	Saranac	Dairy produce	5	....	5	....	1913
Dec. 15	Gamsby, F.	Saranac	Blacksmithing	2	....	2	....	1902
Dec. 15	Huhn, D. G. Co., The	Saranac	Flour and feed	4	....	4	....	1850
Dec. 15	Mercier, F. G.	Saranac	Produce	2	....	2	....	1912
Dec. 15	Olmstead, Rufus	Saranac	Blacksmithing	1	....	1	....	1909
Dec. 15	Race, Chas. H.	Saranac	Feed, etc	2	....	2	....	1888
Dec. 15	Saranac Produce Co	Saranac	Produce	5	....	5	....	1908
Dec. 15	Scheidt, Earl F.	Saranac	Blacksmithing	2	....	2	....	1913
Dec. 15	Scofield, W. D.	Saranac	Harness	1	....	1	....	1913
Dec. 15	Wasniek, G. L.	Saranac	Baked goods	2	1	3	....	1912
Dec. 15	C. A. S. Forge Works, The	Saranac	Forgings	5	1	6	....	1909
Dec. 16	Condon, Elgin W.	Smyrna	Wagon repairing	2	....	2	....	1906
Dec. 16	Smyrna Flouring Mills	Smyrna	Flour and feed	3	....	3	....	1888
Dec. 16	Spencer Electric Light Co	Smyrna	Electricity	5	1	6	....	1893
	IOSCO COUNTY.							
Aug. 6	Brown, James & Son	Alabaster	Fish	3	....	3	....	1895
Aug. 6	Erie & Michigan Railway & Navigation Co	Alabaster	Car repairing	10	....	10	....	1904
Aug. 6	Erie & Michigan Railway & Navigation Co	Alabaster	Car repairing	6	....	6	....	1904
Aug. 6	United States Gypsum Co	Alabaster	Plaster	187	....	187	3	1875
Aug. 7	City Bakery, The	East Tawas	Baked goods	2	1	3	....	1905
Aug. 7	Davis, George	East Tawas	Fish	4	....	4	....	1905
Aug. 7	Dease, Mrs. F. E.	East Tawas	Millinery	.....	6	6	....	1911
Aug. 4	Detroit & Mackinac Ry. Co	East Tawas	Car repairing	144	1	145	....	1880
Aug. 4	East Tawas Electric Light & Water Works	East Tawas	Light and water	3	....	3	....	1887
Aug. 4	East Tawas Hand Laundry	East Tawas	Laundry	3	1	4	1	1904
Aug. 4	Gardner & Richards	East Tawas	Lumber	31	....	31	....	1893
Aug. 7	Jackson, C. R.	East Tawas	Job printing	3	....	3	....	1868
Aug. 7	Lixey, Henry	East Tawas	Fish	3	....	3	....	1904
Aug. 4	Poppleton, H.	East Tawas	Custom clothing	1	....	1	....	1888
Aug. 7	Schill, A.	East Tawas	Cigars	2	....	2	....	1884
Aug. 28	Carey, John H.	Hale	Cheese	1	1	2	....	1906
Aug. 28	Daley, M.	Hale	Blacksmithing	2	....	2	....	1912
Aug. 28	Hale Elevator Co	Hale	Beans, grain, etc	2	....	2	....	1912
Aug. 7	Densmore, Wm. A.	Oscoda	Fish	3	....	3	....	1910
Aug. 29	Eastern Michigan Power Co	Oscoda	Water and power	162	....	162	....	1912
Aug. 6	Barkman Lumber Co	Tawas City	Lumber, etc	10	....	10	....	1911
Aug. 6	Grise, Edward	Tawas City	Blacksmithing	2	....	2	....	1868
Aug. 6	Michigan Cereal Co	Tawas City	Hay, grain, etc	2	....	2	....	1905
Aug. 6	Tawas Butter Co	Tawas City	Dairy products	3	....	3	....	1912
Aug. 6	Tawas City Planing Mill	Tawas City	Lumber	2	....	2	....	1912
Aug. 6	Tawas Herald, The	Tawas City	Printed matter	2	1	3	....	1885
Aug. 6	Wilson Grain Co	Tawas City	Hay, grain, etc	5	15	20	....	1912
Aug. 5	Iosco Creamery Co	Whittemore	Butter	3	....	3	....	1912
Aug. 5	Whittemore Elevator Co	Whittemore	Grain, etc	2	14	16	....	1911

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	IRON COUNTY.							
Dec. 12	Hemlock Mining Co	Amasa	Iron ore	104	1	105	....	1884
Dec. 13	Buenger, H. C	Crystal Falls	Cigars	4	....	4	....	1898
Dec. 17	Crystal Falls Iron Mining Co	Crystal Falls	Iron ore	45	....	45	....	1898
Dec. 17	Crystal Falls Iron Mining Co	Crystal Falls	Iron ore	90	....	90	....	1903
Dec. 17	Crystal Falls Iron Mining Co	Crystal Falls	Iron ore	90	....	90	....	1901
Dec. 17	Crystal Falls Iron Mining Co	Crystal Falls	Iron ore	7	....	7	....	1901
Dec. 13	Ecoel, Anton	Crystal Falls	Shoe repairing	1	....	1	....	1909
Dec. 13	Electric Light & Water Dept	Crystal Falls	Light and water	5	....	5	....	1889
Dec. 13	Finnish & Swedish Mercantile Co	Crystal Falls	Meat	10	2	12	1	1892
Dec. 13	Jackson, Roger	Crystal Falls	Soft drinks	3	....	3	....	1899
Dec. 13	Jay, Yep	Crystal Falls	Laundry	3	....	3	....	1910
Dec. 13	Larsen, O. P	Crystal Falls	Baked goods	4	1	5	....	1903
Dec. 13	Lowe & Stephany	Crystal Falls	Auto repairing	3	....	3	....	1912
Dec. 13	Osterberg & Co	Crystal Falls	Meat	12	1	13	....	1904
Dec. 13	Poulsen, H	Crystal Falls	Produce, etc	3	1	4	....	1907
Dec. 13	Rabichaud, Arthur	Crystal Falls	Meats	2	....	2	....	1911
Dec. 13	Star Bakery, The	Crystal Falls	Baked goods	3	1	4	....	1899
Dec. 13	Stolberg, J. R	Crystal Falls	Custom clothing	8	....	8	....	1901
Dec. 13	Tufts, John Co., The	Crystal Falls	Meats	8	1	9	....	1898
Dec. 3	City Laundry & Cleaning Works	Iron River	Laundry	3	8	11	....	1910
Dec. 5	City Water Works	Iron River	Water	3	....	3	....	1907
Dec. 5	Crystal Falls Iron Mining Co	Iron River	Iron ore	230	....	230	....	1910
Dec. 3	Davidson Bakery	Iron River	Baked goods	4	1	5	....	1908
Dec. 4	Davidson Ore Mining Co	Iron River	Iron ore	163	....	163	....	1910
Dec. 4	Davidson Ore Mining Co	Iron River	Iron ore	132	....	132	....	1910
Dec. 3	Erey, John & Son	Iron River	Meat	3	1	4	....	1893
Dec. 5	Fisher-Morrison Lumber & Fuel Co	Iron River	Lumber, coal, etc	11	1	12	....	1908
Dec. 5	Friend & Peterson	Iron River	Meat	7	1	8	....	1907
Dec. 5	Gibbs, R. F. & Son	Iron River	Lumber	29	1	30	....	1906
Dec. 6	Gonhue, L. & Co.	Iron River	Lumber	16	....	16	....	1906
Dec. 3	Iron River Electrical Co	Iron River	Electrical supplies	3	1	4	....	1906
Dec. 6	Iron Range Light & Power Co	Iron River	Light and power	6	....	6	....	1913
Dec. 3	Iron River Mercantile Co	Iron River	Meat	15	5	20	....	1909
Dec. 6	Iron River Plumbing & Heating Co	Iron River	Plumbing	4	....	4	....	1908
Dec. 5	Iron River Shoe Shop	Iron River	Shoe repairing	5	....	5	....	1909
Dec. 6	Iron River-Stambaugh Reporter	Iron River	Printed matter	5	3	8	....	1883
Dec. 4	Jones & Laughlin Ore Co	Iron River	Iron ore	172	....	172	....	1912
Dec. 3	Lindwall & Lindstrom	Iron River	Auto repairing	3	....	3	....	1910
Dec. 6	McDermott Machine Works	Iron River	Machine repairing	3	....	3	....	1912
Dec. 6	Michigan State Telephone Co	Iron River	Telephone service	2	5	7	....	1883
Dec. 3	Mineral Mining Co	Iron River	Iron ore	30	....	30	....	1908
Dec. 4	Mineral Mining Co	Iron River	Iron ore	145	....	145	....	1908
Dec. 3	Munro Iron Mining Co	Iron River	Iron ore	116	1	117	....	1912
Dec. 3	Munro Iron Mining Co	Iron River	Iron ore	132	....	132	....	1909
Dec. 3	Munro Iron Mining Co	Iron River	Iron ore	107	....	107	....	1907
Dec. 6	Peninsular Power Co	Iron River	Light and power	18	....	18	....	1912
Dec. 3	Phoenix Lumber & Supply Co	Iron River	Lumber	8	....	8	....	1912
Dec. 3	Pryne, Mrs. L. M	Iron River	Millinery	.....	2	2	....	1903
Dec. 6	Range Motor Co	Iron River	Auto repairing	4	....	4	....	1910
Dec. 2	Wickwire Mining Co	Iron River	Iron ore	30	....	30	....	1912
Dec. 2	Wickwire Mining Co	Iron River	Iron ore	44	....	44	....	1912
Dec. 10	Spring Valley Iron Co	Palatka	Iron ore	20	....	20	....	1906
Dec. 11	Verona Mining Co	Palatka	Iron ore	27	....	27	....	1912
Dec. 11	Verona Mining Co	Palatka	Iron ore	43	....	43	....	1907
Dec. 11	Verona Mining Co	Palatka	Iron ore	314	....	314	....	1905

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Factory Inspection.—Continued.

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	IRON CO.—*Con.*							
Dec. 11	Verona Mining Co	Palatka	Iron ore	33	....	33	....	1901
Dec. 11	Youngs Mine	Palatka	Iron ore	21	....	21	....	1905
Dec. 5	Brule Mining Co	Stambaugh	Iron ore	145	....	145	....	1908
Dec. 5	Brule Mining Co	Stambaugh	Iron ore	57	....	57	....	1906
Dec. 5	Crystal Falls Iron Mining Co	Stambaugh	Iron ore	87	....	87	....	1904
Dec. 10	Oliver Mining Co	Stambaugh	Iron ore	204	....	204	....	1899
Dec. 2	Wickwire Mining Co	Stambaugh	Iron ore	25	....	25	....	1910
Dec. 2	Wickwire Mining Co	Stambaugh	Iron ore	28	....	28	....	1911
	ISABELLA COUNTY.							
Dec. 10	Blanchard Creamery	Blanchard	Dairy products	3	....	3	....	1909
Dec. 10	Dewitt, Homer	Blanchard	Flour and feed	3	....	3	....	1898
Dec. 10	Fate, J. W. & Co	Blanchard	Grain, beans, etc	4	25	29	....	1905
Dec. 10	Union Telephone Co	Blanchard	Telephone service	1	1	2	....	1904
Aug. 8	Achmaelsle, A	Mt. Pleasant	Harness	2	....	2	....	1907
Dec. 22	Allen, C. C	Mt. Pleasant	Cigars	1	....	1	....	1905
Dec. 5	Breidenstein, H	Mt. Pleasant	Meats	3	....	3	....	1911
Aug. 7	Cain Bros	Mt. Pleasant	Brick and tile	11	....	11	....	1890
Dec. 22	Central Meat Market	Mt. Pleasant	Meat	4	....	4	....	1903
Aug. 7	Chatterton & Son	Mt. Pleasant	Grain and feed	6	3	9	....	1897
Aug. 7	City Water Works	Mt. Pleasant	Water	1	....	1	....	1885
Dec. 23	Crystal Sanitary Baking Co	Mt. Pleasant	Baked goods	4	1	5	....	1900
Dec. 5	Dent, Peter	Mt. Pleasant	Auto repairing	2	....	2	....	1907
Aug. 7	Dow Chemical Co., The	Mt. Pleasant	Chemicals	21	....	21	....	1903
Dec. 22	Feeny, Miss Kate	Mt. Pleasant	Millinery	.....	2	2	....	1906
Dec. 22	Fisher, J. G	Mt. Pleasant	Novelty goods	1	....	1	....	1907
Dec. 22	Globe Dry Cleaners	Mt. Pleasant	Cleaning and pressing	3	....	3	....	1911
Aug. 7	Gorham Bros. & Co	Mt. Pleasant	Lumber, etc	127	15	142	....	1888
Aug. 8	Haber & Westfall	Mt. Pleasant	Sash, doors and screens	2	....	2	....	1913
Aug. 7	Harris Milling Co	Mt. Pleasant	Flour and feed	8	1	9	....	1870
Aug. 7	Hendricks & Smith	Mt. Pleasant	Lumber	3	....	3	....	1908
Aug. 8	Hight, B. A	Mt. Pleasant	Plumbing	3	....	3	....	1903
Dec. 5	Hileman, J. F	Mt. Pleasant	Baked goods	3	1	4	....	1911
Dec. 22	Hudson, W	Mt. Pleasant	Custom clothing	2	....	2	....	1896
Dec. 22	Isabella County Courier	Mt. Pleasant	Printed matter	2	1	3	....	1888
Dec. 22	Isabella County Enterprise	Mt. Pleasant	Printed matter	4	2	6	....	1864
Aug. 7	Isabella Farmers Grain Co	Mt. Pleasant	Grain, etc	5	36	41	....	1910
Dec. 23	Kantor, Harry L	Mt. Pleasant	Junk	2	....	2	....	1913
Dec. 5	Kellogg's Garage	Mt. Pleasant	Auto repairing	2	....	2	....	1912
Dec. 22	Larson & McDonald	Mt. Pleasant	Millinery	.....	3	3	....	1910
Dec. 22	Lee, E. J. & Co	Mt. Pleasant	Produce	2	....	2	....	1907
Aug. 7	Longcor, O. H	Mt. Pleasant	Repairing	2	....	2	....	1905
Dec. 22	Maxwell, C. L	Mt. Pleasant	Blacksmithing	1	....	1	....	1896
Aug. 7	Mt. Pleasant Electric Light Plant	Mt. Pleasant	Light and power	3	3	6	....	1880
Dec. 5	Mt. Pleasant Light & Fuel Co	Mt. Pleasant	Light and fuel	3	....	3	....	1904
Dec. 5	Mt. Pleasant Laundry	Mt. Pleasant	Laundry	2	6	8	....	1909
Dec. 5	Mt. Pleasant Marble & Granite Works	Mt. Pleasant	Marble, etc	2	....	2	....	1910
Aug. 7	Mt. Pleasant Times	Mt. Pleasant	Printed matter	4	2	6	....	1894
Aug. 7	Mt. Pleasant Woolen Mills	Mt. Pleasant	Woolen goods	1	....	1	....	1897
Aug. 7	Michigan Condensed Milk Co	Mt. Pleasant	Condensed milk	27	9	36	....	1908
Dec. 5	Muller, E. B. & Co	Mt. Pleasant	Chicory	13	1	14	....	1909
Dec. 22	Murray & Smithers	Mt. Pleasant	Implements	3	....	3	....	1910
Aug. 7	Olympian Candy Works	Mt. Pleasant	Candy	3	....	3	....	1908
Aug. 7	Schmidt, F. A	Mt. Pleasant	Custom clothing	3	1	4	....	1895
Dec. 22	Seger, Arthur	Mt. Pleasant	Plumbing	4	....	4	....	1908

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Factory Inspection.—Continued.

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	ISABELLA CO.—*Con.*							
Aug. 7	Sweeney & Co	Mt. Pleasant	Seeds and beans	3	....	3	....	1883
Aug. 7	Thompson, W. J	Mt. Pleasant	Brick and tile	9	....	9	....	1895
Aug. 8	Trevegno, D	Mt. Pleasant	Cigars	2	2	4	....	1898
Dec. 23	Twist, Clayton H	Mt. Pleasant	Baked goods	5	....	5	....	1903
Aug. 7	Van Schaack Calcium Works	Mt. Pleasant	Chemicals	15	....	15	....	1907
Aug. 7	Whitney-Taylor Co	Mt. Pleasant	Hubs and tile	18	....	18	....	1909
Aug. 7	Wiley, J. A	Mt. Pleasant	Canned goods	2	....	2	....	1898
Aug. 8	Ardner, R. R	Shepherd	Meats	2	....	2	....	1900
Dec. 23	Ardner, R. R	Shepherd	Meats	2	....	2	....	1895
Aug. 8	Beeman, Carrie	Shepherd	Millinery	.....	3	3	....	1908
Aug. 8	Brenner, E. D	Shepherd	Blacksmithing	2	....	2	....	1912
Dec. 4	Clark, A. E	Shepherd	Builders' supplies	2	1	3	....	1900
Dec. 4	Dibble, W. L	Shepherd	Coal and hay	2	....	2	....	1913
Aug. 8	Estee, Claude H	Shepherd	Grain, beans, etc	3	1	4	....	1886
Dec. 4	Freeman, B. G	Shepherd	Lumber	2	....	2	....	1903
Aug. 8	Hafer, F. E	Shepherd	Baked goods	3	....	3	....	1900
Aug. 8	Isabella County Republican	Shepherd	Printed matter	2	2	4	....	1892
Dec. 4	Kennedy, D. A	Shepherd	Vehicles	1	....	1	....	1910
Aug. 8	Marvin, Mrs. F. A	Shepherd	Millinery	.....	1	1	....	1881
Dec. 4	Parmelee, C. W	Shepherd	Auto repairing	1	....	1	....	1913
Aug. 8	Pickett, A. E	Shepherd	Meats	2	....	2	....	1903
Dec. 4	Pickett, Thomas	Shepherd	Cider and jelly	3	....	3	....	1886
Aug. 8	Shepherd Elevator Co	Shepherd	Grain, flour, etc	1	....	1	....	1905
Aug. 8	Shepherd Light & Water Plant	Shepherd	Light and water	1	....	1	....	1908
Aug. 8	Shepherd Milling Co	Shepherd	Grain, flour, etc	4	....	4	....	1885
Dec. 4	Struble & Mulvey	Shepherd	Farm produce	3	....	3	....	1912
Dec. 4	Struble, O. D	Shepherd	Farm implements	1	....	1	....	1907
Dec. 4	Vredenburg, G. H	Shepherd	Farm implements	2	....	2	....	1904
Dec. 4	Walker, M. E. & Son	Shepherd	Beans	4	26	30	....	1900
Dec. 23	Worthington, F. A	Shepherd	Tinning	3	....	3	....	1893
	JACKSON COUNTY.							
Oct. 30	Brooklyn Exponent	Brooklyn	Printed matter	2	1	3	....	1900
Oct. 30	Green, George W	Brooklyn	Electricity	2	....	2	....	1903
Oct. 29	Au Sable Electric Co	Grass Lake	Electricity	2	....	2	....	1907
Oct. 29	Grass Lake Elevator Co	Grass Lake	Grain and beans	2	6	8	....	1907
Oct. 29	Grass Lake Laundry, The	Grass Lake	Laundry	2	1	3	....	1899
Oct. 29	Grass Lake News	Grass Lake	Printed matter	2	1	3	....	1878
Oct. 29	Lakeside Elgin Butter Co	Grass Lake	Dairy products	3	....	3	....	1893
Oct. 29	Municipal Lighting Co	Grass Lake	Electricity	2	....	2	....	1905
Oct. 29	Rohrer, J. F	Grass Lake	Meats	2	....	2	....	1901
Oct. 29	Worden, H. V	Grass Lake	Baked goods	1	1	2	....	1908
Oct. 30	Hanover Local	Hanover	Printed matter	2	1	3	....	1905
Oct. 7	Acorn Press, The	Jackson	Printed matter	11	7	18	....	1899
Jan. 19	Addison, W. H	Jackson	Awnings	6	....	6	....	1898
Oct. 7	Adams & Hinkley	Jackson	Baked goods	5	2	7	1	1911
Oct. 21	Adams, H. J. Lumber & Coal Co	Jackson	Lumber and coal	26	....	26	....	1910
Oct. 22	Advance Grease & Chemical Co	Jackson	Grease, etc	12	....	12	....	1909
Oct. 9	Albro, Frank & Co	Jackson	Blacksmithing	2	....	2	....	1913
Oct. 8	Ames-Dean Carriage Co., The	Jackson	Carriages	46	1	47	....	1897
Oct. 7	American Express Co	Jackson	Express service	11	....	11	....	1912
Oct. 23	American Fork & Hoe Co	Jackson	Forks and hoes	193	2	195	1	1848
Oct. 7	American Lady Corset Co	Jackson	Corsets	8	316	324	15	1901
Oct. 22	American Oil Co	Jackson	Oil	8	4	12	....	1904
Oct. 8	American Top Co	Jackson	Auto tops	179	26	205	....	1904
Oct. 9	Armour & Co	Jackson	Meats, etc	9	....	9	....	1900
Oct. 7	Austin, Mrs. L. C	Jackson	Millinery	.....	3	3	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	JACKSON CO.—*Con.*							
Jan. 20	Auto Tire Repair Shop	Jackson	Tire repairing	3	....	3	....	1911
Oct. 9	Baker Drop Forge Co	Jackson	Forgings	66	1	67	....	1910
Oct. 15	Bartlett, J. E. Co., The	Jackson	Grain and feed	5	2	7	....	1902
Oct. 9	Bassett, E. S	Jackson	Furnaces	2	....	2	....	1903
Oct. 14	Bant, John J	Jackson	Meats	2	....	2	....	1910
Oct. 22	Bell, Wilson & Co	Jackson	Tinning	4	....	4	....	1910
Oct. 16	Bennett, Nettie Howard	Jackson	Millinery	.....	3	3	....	1888
Oct. 9	Beyer Machine Co., The	Jackson	Machine repairing	3	....	3	....	1909
Oct. 7	Binder, Charles F	Jackson	Meats	10	1	11	....	1885
Jan. 20	Bisbee, Harry	Jackson	Auto repairing	2	....	2	....	1913
Jan. 20	Black, A. W	Jackson	Job printing	3	....	3	....	1910
Oct. 20	Blessing, Louis	Jackson	Machine repairing	3	....	3	....	1912
Oct. 22	Branch, I. N	Jackson	Baked goods	9	1	10	....	1878
Jan. 19	Brenk, Fred A	Jackson	Custom clothing	6	1	7	....	1893
Oct. 20	Brewer, Wm. E	Jackson	Coal and wood	13	1	14	....	1888
Oct. 15	Brooks, A. E. & Co	Jackson	Candy	7	3	10	....	1908
Oct. 9	Buehler Bros	Jackson	Meats	5	1	6	....	1906
Oct. 22	Buller & Damaron	Jackson	Blacksmithing	4	....	4	....	1903
Oct. 9	Burke, Mrs. Anna	Jackson	Millinery	.....	3	3	....	1911
Jan. 19	Burton, E. B. Plumbing Co., The	Jackson	Plumbing	3	....	3	....	1909
Oct. 10	Butcher & Gage	Jackson	Machinery	11	1	12	....	1907
Jan. 19	Butler, D. A	Jackson	Custom clothing	2	....	2	....	1909
Jan. 19	Butts, H. S	Jackson	Custom clothing	2	1	3	....	1890
Oct. 15	Camps, S. H. & Co	Jackson	Corsets	13	85	98	....	1907
Jan. 19	Carr, B. A	Jackson	Dry cleaning	2	....	2	....	1910
Oct. 10	Cavanaugh, Dan	Jackson	Plumbing	9	1	10	....	1908
Jan. 20	Cement Machinery Co	Jackson	Machinery	2	1	3	....	1900
Oct. 22	Central Automobile & Supply Co	Jackson	Auto repairing	15	2	17	....	1907
Oct. 10	Central City Book Bindery	Jackson	Job printing	13	5	18	....	1897
Oct. 15	Central City Cigar Co	Jackson	Cigars	3	8	11	....	1901
Oct. 15	Central City Lumber Co	Jackson	Lumber	18	1	19	....	1908
Oct. 10	Champion Quick Repair Shop	Jackson	Shoe repairing	5	....	5	....	1911
Oct. 16	Chapin & Moloney	Jackson	Plumbing	6	....	6	....	1911
Jan. 19	City Bakery, The	Jackson	Baked goods	7	1	8	....	1878
Oct. 22	City Garage	Jackson	Auto repairing	3	....	3	....	1913
Oct. 9	Citizens Telephone Co	Jackson	Telephone service	18	47	65	....	1897
Oct. 9	Collin, Hahn & Dalziel	Jackson	Coal and wood	17	....	17	....	1906
Oct 21	Commonwealth Power Co	Jackson	Electricity	119	44	163	1	1905
Oct. 15	Consumers Ice & Fuel Co	Jackson	Ice and fuel	32	1	33	....	1903
Jan. 20	Conway & Marshall	Jackson	Sheet metal	8	1	9	....	1900
Jan. 20	Cooper Street Garage	Jackson	Auto repairing	3	....	3	....	1911
Oct. 16	Corset, M. & K. Co., The	Jackson	Corsets	6	17	23	....	1907
Oct. 21	Corwin Lumber Co., The	Jackson	Lumber	14	1	15	....	1903
Oct. 16	Crandall, W. B. Co., The	Jackson	Electrical supplies	9	1	10	....	1907
Oct. 22	Crown Paper & Bag Co	Jackson	Paper	7	12	19	....	1894
Jan. 20	Daly & Rutherford	Jackson	Sheet metal	9	1	10	....	1909
Jan. 19	Davis & White	Jackson	Job printing	4	....	4	....	1896
Oct. 10	DeLamater, I. N	Jackson	Coal, wood, etc	11	....	11	....	1903
Oct. 9	DeMay Printing Co	Jackson	Job printing	5	2	7	....	1912
Oct. 20	Dewey, M. D. Co	Jackson	Building supplies	11	2	13	....	1905
Oct. 15	Dibble, M. A. & Co	Jackson	Cigars	14	1	15	....	1881
Jan. 20	Donaldson's	Jackson	Dry cleaning	3	....	3	....	1873
Oct. 9	Dowsett, W. J. Co	Jackson	Plumbing	14	1	15	....	1904
Oct. 7	Dwyer, J. G	Jackson	Millinery	.....	9	9	....	1864
Oct. 14	Eberle Brewing Co., The	Jackson	Beer	23	2	25	....	1886
Oct. 16	Eldred, Mill & Co	Jackson	Flour and feed	17	3	20	1	1891
Oct. 22	Engel Cider Refining Co., The	Jackson	Cider and vinegar	5	....	5	....	1900
Jan. 20	Excelsior Printing Co	Jackson	Job printing	7	6	13	....	1904
Oct. 22	Field-Brundage Co., The	Jackson	Gas engines	61	1	62	....	1905
Oct. 15	Fisk, W. W	Jackson	Coal and wood	6	....	6	..	1910

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	JACKSON CO.—*Con.*							
Oct. 15	Fleming Milk Product Co	Jackson	Ice cream	2	1	3	....	1898
Oct. 9	Foote & Jenks	Jackson	Chemicals	8	12	20	....	1884
Oct. 10	Fowler, J. A. Creamery Co	Jackson	Dairy products	2	1	3	....	1911
Oct. 10	Fox, Peter L. & Carter	Jackson	Wagon repairing	4	....	4	....	1902
Oct. 8	Frost Gear & Machine Co	Jackson	Machine parts	196	4	200	....	1907
Jan. 19	Gasser & Kellogg	Jackson	Custom clothing	10	2	12	....	1913
Oct. 7	Gilbert, J. O	Jackson	Baked goods	6	6	12	....	1900
Oct. 9	Gilbert, J. O	Jackson	Candy	5	15	20	....	1913
Jan. 19	Glasgow Woolen Mills Co	Jackson	Custom clothing	3	....	3	....	1906
Oct. 14	Haehnle Bottling Co	Jackson	Soft drinks	5	1	6	....	1911
Oct. 14	Haehnle Brewing Co	Jackson	Beer	35	....	35	....	1890
Oct. 20	Hartwick-Woodfield Co	Jackson	Lumber	41	....	41	....	1901
Oct. 14	Hayes Wheel Co	Jackson	Auto wheels	405	5	410	2	1908
Oct. 9	Hills Granite Co	Jackson	Granite	3	1	4	....	1913
Oct. 20	Hoag Machine & Tool Co	Jackson	Machine repairing	5	....	5	....	1913
Oct. 10	Holden's D. D. Feed Mill	Jackson	Feed	2	1	3	....	1897
Oct. 28	Holton Co., The	Jackson	Castings	55	1	56	....	1910
Jan. 19	Howard, C. S	Jackson	Baked goods	4	1	5	....	1913
Oct. 9	Howard & Sattler	Jackson	Cigars	2	1	3	....	1913
Oct. 8	Imperial Automobile Co., The	Jackson	Automobiles	124	7	131	1	1907
Oct. 10	Internation Harvester Co. of America	Jackson	Farm implements	15	4	19	....	1902
Oct. 20	Isbell, S. M. & Co	Jackson	Grain and feed	7	33	40	....	1898
Oct. 8	Jackson Automobile Co	Jackson	Automobiles	242	10	252	....	1902
Oct. 29	Jackson Baking Co	Jackson	Baked goods	12	3	15	....	1910
Oct. 8	Jackson Brass Foundry Co	Jackson	Castings	12	....	12	....	1912
Oct. 16	Jackson Citizen Press, The	Jackson	Printed matter	64	6	70	....	1873
Oct. 10	Jackson City Creamery	Jackson	Dairy products	2	....	2	....	1912
Oct. 28	Jackson City Water Works	Jackson	Water	8	....	8	....	1870
Oct. 15	Jackson Corset Co	Jackson	Corsets	55	327	382	....	1882
Oct. 17	Jackson Cushion Spring Co	Jackson	Springs	224	13	237	....	1900
Oct. 9	Jackson Electric Co	Jackson	Electrical supplies	4	....	4	....	1909
Oct. 22	Jackson Farm Produce Co	Jackson	Storage	6	6	12	....	1902
Oct. 10	Jackson Gas Co	Jackson	Gas	68	10	78	....	1911
Oct. 15	Jackson Glass Works	Jackson	Glass	35	2	37	....	1892
Oct. 9	Jackson Granite Co	Jackson	Monuments	6	....	6	....	1909
Oct. 16	Jackson Machine Co	Jackson	Machine repairing	3	....	3	....	1913
Oct. 8	Jackson Motor Shaft Co	Jackson	Motor shafts	80	2	82	....	1912
Oct. 9	Jackson Panitorium	Jackson	Cleaning and pressing	4	3	7	....	1907
Oct. 28	Jackson Patriot, The	Jackson	Printed matter	100	4	104	38	1844
Jan. 19	Jackson Pattern Works	Jackson	Patterns	2	....	2	....	1903
Oct. 14	Jackson Rim Co	Jackson	Auto parts	60	1	61	....	1913
Oct. 15	Jackson Scrap Metal & Supply Co	Jackson	Junk	4	....	4	....	1906
Jan. 20	Jackson Shoe Co	Jackson	Shoe repairing	4	....	4	....	1913
Oct. 16	Jackson Skirt & Novelty Co	Jackson	Skirts, etc	7	43	50	....	1900
Oct. 22	Jackson Taxi & Auto Livery	Jackson	Passenger service	5	....	5	....	1913
Jan. 19	Jacobs, J	Jackson	Custom clothing	1	1	2	....	1906
Oct. 14	Jayne, Mrs. C. B	Jackson	Millinery	.....	6	6	....	1909
Oct. 22	Kenks Bottling Works	Jackson	Beer	3	....	3	....	1883
Jan. 19	Kern, Tussing & McUmber	Jackson	Repairing	4	....	4	....	1909
Oct. 29	Knickerbocker Co., The	Jackson	Engines	20	1	21	....	1883
Jan. 20	Koch, A. P	Jackson	Harness	4	....	4	....	1890
Oct. 15	Lake Ulricksen Co., The	Jackson	Coal, wood, etc	10	1	11	....	1904
Oct. 10	La Rue Printing Co	Jackson	Job printing	5	....	5	....	1913
Oct. 15	Laski, Stany	Jackson	Junk	7	....	7	....	1887
Oct. 16	Lepard & Gray	Jackson	Lumber	12	1	13	....	1901
Jan. 20	Leslie & Co	Jackson	Monuments	4	....	4	....	1892
Oct. 8	Lockwood-Ash Motor Co	Jackson	Marine engines	29	4	33	....	1904
Oct. 8	Lombard, Geo. W	Jackson	Soft drinks	7	1	8	....	1897
Oct. 9	Loomis Taxi & Baggage Co	Jackson	Passenger service	13	1	14	....	1913
Jan. 19	Lubahn, Wm. F	Jackson	Custom clothing	3	2	5	....	1898

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Factory Inspection.—Continued.

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	JACKSON CO.—*Con.*							
Jan. 19	Lung Germine Co., Inc., The	Jackson	Medicine	2	11	13	....	1901
Oct. 22	Lusk Foundry Co., Ltd	Jackson	Castings	19	1	20	....	1905
Jan. 20	Lyke & Brose	Jackson	Plumbing	5	1	6	....	1904
Oct. 21	McConville, Mrs. E. A.	Jackson	Millinery	....	6	6	....	1903
Oct. 15	McGee Bros. Co.	Jackson	Dresses	14	51	65	....	1900
Oct. 21	McLaughlin & Maino	Jackson	Boilers	18	1	19	....	1905
Oct. 20	McLaughlin, Ward & Co.	Jackson	Flour and feed	10	7	17	....	1897
Oct. 9	McQuillan & Bullinger	Jackson	Coal and wood	6	....	6	....	1897
Jan. 19	Magic Footdraft Co.	Jackson	Medicine	8	17	25	....	1899
Jan. 20	Mahoney, James H.	Jackson	Plumbing	3	....	3	....	1903
Oct. 28	Marks, J. W. Co.	Jackson	Hay and feed	4	....	4	....	1898
Jan. 19	Marx & Gankrogers	Jackson	Blacksmithing	2	....	2	....	1913
Oct. 16	Metropolitan Meat Market	Jackson	Meats	4	....	4	....	1907
Jan. 14	Metropolitan Meat Market	Jackson	Meats	4	....	4	....	1913
Oct. 23	Michigan Bag & Paper Co.	Jackson	Paper	36	10	46	....	1881
Oct. 28	Michigan Central Railroad Co.	Jackson	Car repairing	841	....	841	12	1874
Oct. 28	Michigan Condensed Milk Co.	Jackson	Condensed milk	22	15	37	....	1903
Oct. 16	Michigan Gas Appliance Co.	Jackson	Heaters	5	1	6	....	1911
Oct. 16	Michigan Seating Co.	Jackson	Furniture	63	37	100	....	1913
Oct. 23	Michigan State Prison	Jackson	State institution	....	....	....	....	....
Oct. 9	Michigan State Telephone Co.	Jackson	Telephone service	25	54	79	....	1896
Oct. 16	Michigan United Traction Co.	Jackson	Car repairing	4	....	4	....	1910
Oct. 20	Model Market, The	Jackson	Meats	4	....	4	....	1912
Oct. 16	Modern Quick Repair Shoe Shop	Jackson	Shoe repairing	3	....	3	....	1911
Oct. 9	Murray, J. E. & Co.	Jackson	Plumbing	6	1	7	....	1908
Oct. 9	Niagara Laundry Co.	Jackson	Laundry	5	9	14	....	1894
Oct. 7	Nicholls, Albert E.	Jackson	Meats	4	....	4	....	1911
Oct. 15	Night Commander Lighting Co.	Jackson	Light	17	2	19	....	1909
Jan. 19	North-Bradshaw Co.	Jackson	Building supplies	18	....	18	....	1903
Oct. 9	Nowlin, L. A. Co.	Jackson	Plumbing	8	1	9	....	1907
Jan. 19	O'Brian, Dick	Jackson	Sheet metal	2	....	2	....	1913
Oct. 2	O'Brien, Emily	Jackson	Millinery	....	7	7	....	1907
Oct. 15	O'Connor-Farrell Co.	Jackson	Millinery	....	5	5	....	1913
Oct. 9	Oleslarger, John	Jackson	Tinning	2	....	2	....	1881
Oct. 22	Perfection Bed Spring Co.	Jackson	Bed springs	3	....	3	....	1912
Oct. 22	Perfection Biscuit Co.	Jackson	Baked goods	4	1	5	....	1907
Oct. 9	Pickles, Arthur	Jackson	Plumbing	8	....	8	....	1900
Oct. 7	Postal Telegraph Cable Co.	Jackson	Telegraph service	5	1	6	....	1900
Oct. 20	Potter, B. Q.	Jackson	Passenger service	2	....	2	....	1913
Oct. 10	Preece, W. J.	Jackson	Feed	4	....	4	....	1890
Oct. 9	Rapid Shoe Shop	Jackson	Shoe repairing	4	....	4	....	1909
Oct. 15	Raymond, Miss F. C.	Jackson	Millinery	....	3	3	....	1913
Oct. 16	Reliance Corset Co.	Jackson	Corsets	4	10	14	....	1893
Jan. 19	Pitteloo, W. H.	Jackson	Custom clothing	5	2	7	....	1895
Oct. 20	Royce, Royal G. & Co.	Jackson	Blacksmithing	3	....	3	....	1903
Oct. 7	Ruthruff, C. S.	Jackson	Leather goods	3	....	3	....	1913
Oct. 10	Schafer & Riggs	Jackson	Cleaning and pressing	6	3	9	....	1898
Oct. 8	Schmid, O. F. Chemical Co.	Jackson	Chemicals and drugs	42	18	60	....	1901
Oct. 10	Scofield & Son	Jackson	Grain and feed	4	....	4	....	1897
Oct. 10	Seckinger, Mrs. Geo.	Jackson	Millinery	....	12	12	....	1911
Oct. 14	Shehan, Mrs. J. T.	Jackson	Millinery	....	4	4	....	1913
Oct. 16	Smith-Winchester Co.	Jackson	Furnaces	17	....	17	....	1909
Jan. 20	Snyder, C. M.	Jackson	Repairing	1	....	1	....	1909
Oct. 9	Spencer, Mrs. D. F.	Jackson	Millinery	....	5	5	....	1907
Oct. 22	Square Deal, The	Jackson	Printed matter	4	1	5	....	1912

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Factory Inspection.—Continued.

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	JACKSON CO.—*Con.*							
Oct. 16	Standard Mfg. Co., The	Jackson	Dresses	34	262	296	....	1882
Oct. 29	State Foundry Co	Jackson	Castings	77	1	78	....	.....
Oct. 9	Stockbridge Elevator Co	Jackson	Grains and beans	7	21	28	....	1890
Oct. 15	Swarthout, F. A	Jackson	Wagon repairing	3	....	3	....	1910
Oct. 15	Taylor, T. B	Jackson	Flour and feed	3	....	3	....	1882
Oct. 9	Temple Garage Co., The	Jackson	Auto repairing	9	1	10	....	1907
Oct. 20	Thorpe, G. W	Jackson	Feed	6	1	7	....	1907
Oct. 10	Timberlake, J. B. & Sons	Jackson	Wire goods	42	1	43	1	1911
Oct. 10	Vandercook Hack, Bus & Transfer Co.	Jackson	Passenger service	17	....	17	....	1883
Oct. 24	Waidelich, G. F. & Co	Jackson	Meats	3	....	3	....	1894
Oct. 21	Walcott & Wood Machine Tool Co	Jackson	Machine repairing	46	1	47	1	1887
Oct. 15	Watts-Morehouse Co	Jackson	Lumber	44	1	45	....	1909
Oct. 9	Weber & Bossong	Jackson	Meats	10	1	11	....	1882
Jan. 19	Weber, Robt. E	Jackson	Custom clothing	6	....	6	....	1907
Oct. 21	Webster, J. M	Jackson	Millinery	.....	5	5	....	1912
Oct. 7	Webster Shop, The	Jackson	Shoe repairing	3	....	3	....	1913
Oct. 10	Western Union Telegraph Co., The	Jackson	Telegraph service	13	3	16	....	1850
Oct. 9	White Laundry	Jackson	Laundry	11	26	37	....	1896
Oct. 15	Wirsing, Richard	Jackson	Meats	3	....	3	....	1887
Oct. 22	Wolverine Laundry Co	Jackson	Laundry	5	15	20	....	1911
Oct. 7	Yocum & Taylor	Jackson	Harness	3	....	3	....	1882
Oct. 28	Au Sable Electric Co	Parma	Electricity	2	....	2	....	1903
Oct. 28	Bullen, W. L	Parma	Meats	3	....	3	....	1913
Oct. 28	Parma Butter Co., The	Parma	Dairy products	5	....	5	....	1912
Oct. 28	Scott, F. E	Parma	Baked goods	1	2	3	....	1910
Oct. 27	Chamberlain, C. A	Springport	Meats	4	....	4	....	1893
Oct. 27	Comstock, E. C. & Co	Springport	Grain	5	20	25	....	1905
Oct. 27	Farlin, W. N	Springport	Meats	2	....	2	....	1913
Oct. 27	Hoag & Houseman	Springport	Lumber	6	....	6	....	1905
Oct. 27	Springport Bookbindery, The	Springport	Bookbinding	4	2	6	....	1892
Oct. 27	Springport Elevator Co	Springport	Grains and beans	7	12	19	....	1901
Oct. 27	Springport Grist Mill	Springport	Feed	2	....	2	....	1887
Oct. 27	Springport Signal, The	Springport	Printed matter	2	2	4	....	1876
	KALAMAZOO COUNTY.							
July 17	Augusta Basket Co	Augusta	Fruit packages	12	3	15	....	1887
Dec. 24	Augusta Milling Co	Augusta	Flour	4	....	4	....	1911
Dec. 24	Black, Fred W	Augusta	Meats	2	....	2	....	1894
Dec. 24	Hudson, J	Augusta	Dairy products	2	....	2	....	1895
Dec. 24	Johnson, Fred & John Butler	Augusta	Repairing	3	....	3	....	1913
Dec. 24	Thompson, W. P	Augusta	Lumber and coal	2	....	2	....	1909
Nov. 3	Crescent Publishing Co., The	Climax	Printed matter	3	....	3	....	1912
Nov. 3	Gingell, A	Climax	Dairy products	2	....	2	....	1912
Nov. 3	Griffith, M. & Son	Climax	Grain	3	....	3	....	1909
Nov. 3	Hamilton, Glen G	Climax	Meats	3	....	3	....	1892
Nov. 3	Hunt, Mrs. G. B	Climax	Millinery	.....	2	2	....	1913
Nov. 3	McIlvain, G. H	Climax	Baked goods	2	....	2	....	1899
Nov. 3	Snyder, H. H	Climax	Harness	1	....	1	....	1910
July 11	Comstock Celery Co	Comstock	Crates	6	1	7	....	1913
July 11	Comstock Mfg. Co	Comstock	Engines and boilers	10	1	11	....	1885
Jan. 6	Kalamazoo County Home	Comstock Twp.	County institution	.....	....	.....	....	.....
Dec. 23	Weeks & Guthrie	Fulton	Feed and lumber	2	....	2	....	1902
Dec. 24	City Water Works	Galesburg	Water	1	....	1	....	1901
Dec. 24	Rice, S. M. & Son	Galesburg	Lumber and fuel	3	....	3	....	1903
Dec. 24	Semi-Weekly Argus	Galesburg	Printed matter	3	2	5	....	1898

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KALAMAZOO CO.—*Con.*							
Dec. 24	Zinn & Austin	Galesburg	Grain	3	....	3	....	1904
Sept. 18	Acker's Millinery & Hair Shop	Kalamazoo	Millinery, etc	....	3	3	....	1905
Nov. 28	Acme Universal Joint Mfg. Co	Kalamazoo	Machinery	18	....	18	....	1909
Dec. 5	Adams-Brander Co	Kalamazoo	Job printing	5	....	5	....	1906
Dec. 9	Advance Mfg. Co	Kalamazoo	Suction cleaners	3	7	10	....	1910
Dec. 5	American Arc Lamp Co	Kalamazoo	Electrical supplies	5	....	5	....	1905
Nov. 17	American Carriage Co	Kalamazoo	Carriages, etc	12	3	15	....	1889
Nov. 18	American Gas Light Co	Kalamazoo	Gas lamps	4	1	5	....	1907
Nov. 13	American House Garage	Kalamazoo	Auto repairing	2	....	2	....	1913
Nov. 28	American Playing Card Co	Kalamazoo	Cards	3	7	10	....	1890
Nov. 11	American Sign Co	Kalamazoo	Electric signs	44	11	55	....	1908
Nov. 14	Appeldorn's Sons	Kalamazoo	Hides and tallow	3	....	3	....	1870
Nov. 17	Armour & Co	Kalamazoo	Meats	10	....	10	....	1893
Dec. 4	Armstrong & Veley	Kalamazoo	Machinery	6	....	6	....	1906
Dec. 2	Ashton & Stevens	Kalamazoo	Flour and grain	3	....	3	....	1908
Dec. 2	Auto Exchange & Machine Co	Kalamazoo	Auto repairing	2	....	2	....	1906
Nov. 25	Au Sable Electric Co	Kalamazoo	Electricity	16	....	16	....	.....
Nov. 6	A. & D. Sheet Metal Works, The	Kalamazoo	Sheet metal	8	....	8	....	1895
Sept. 18	Baldwin & Schram	Kalamazoo	Dressmaking	....	6	6	....	1912
Nov. 25	Barnes, C. H. & Co	Kalamazoo	Job printing	8	....	8	....	1888
Oct. 8	Bartlett Label Co	Kalamazoo	Labels and stickers	15	4	19	....	1908
Dec. 4	Beebe, Ray L	Kalamazoo	Auto repairing	2	....	2	....	1912
Dec. 2	Bee Print Shop, The	Kalamazoo	Job printing	3	....	3	....	1913
Nov. 13	Bennett & Co	Kalamazoo	Signs	6	....	6	....	1900
Nov. 6	Big Four Cycle Works	Kalamazoo	Bicycles	3	....	3	....	1898
Oct. 2	Birt, Guelda	Kalamazoo	Millinery	....	8	8	....	1913
Dec. 4	Blood Bros. Machine Co	Kalamazoo	Auto parts	21	4	25	....	1904
Sept. 19	Blossom, Mrs. M. J	Kalamazoo	Millinery	....	9	9	....	1908
Dec. 3	Bockhout, John	Kalamazoo	Coal and wood	5	....	5	....	1902
Dec. 4	Brenner, R. C. & Co	Kalamazoo	Plumbing	2	1	3	....	1912
Nov. 20	Brenner, R. R	Kalamazoo	Plumbing	10	2	12	....	1903
Dec. 2	Brink's Bakery	Kalamazoo	Baked goods	4	1	5	....	1910
Dec. 4	Bryant's Bakery	Kalamazoo	Baked goods	6	1	7	....	1908
Dec. 8	Bryant Paper Co., No. 1	Kalamazoo	Paper	312	85	397	....	1905
Dec. 8	Bryant Paper Co., No. 2	Kalamazoo	Paper	100	37	137	....	1905
Dec. 11	Bryant Paper Co., No. 3	Kalamazoo	Paper	182	62	244	1	1905
Dec. 8	Bryant Paper Co., No. 4	Kalamazoo	Paper	165	54	219	....	1905
Nov. 21	Burden Broom Co., Inc	Kalamazoo	Brooms	7	1	8	....	1910
Nov. 21	Burleigh, C. E	Kalamazoo	Woodworking	4	....	4	....	1906
Nov. 28	Burtt Mfg. Co., The	Kalamazoo	Gasoline engines	4	1	5	....	1906
Sept. 17	Bushouse & Wagenaar	Kalamazoo	Candy	2	2	4	....	1913
Nov. 26	Butine Celery Box and Crate Co	Kalamazoo	Boxes	4	1	5	....	1908
Nov. 10	Celerytone Co:	Kalamazoo	Medicine	1	1	2	....	1910
Dec. 4	Chicago, Kalamazoo & Saginaw Ry. Co	Kalamazoo	Car repairing	17	....	17	....	1905
Oct. 8	Citizens Telephone Co	Kalamazoo	Telephone service	....	2	2	....	1905
Dec. 30	City Bottling Works	Kalamazoo	Soft drinks	5	....	5	....	1893
Oct. 7	Clapp, S	Kalamazoo	Custom clothing	1	1	2	....	1910
Nov. 18	Clarage Foundry & Mfg. Co	Kalamazoo	Fans and blowers	129	2	131	....	1902
Nov. 11	Clark Engine & Boiler Co	Kalamazoo	Engines	118	1	119	....	1910
Oct. 1	Columbia Candy Co	Kalamazoo	Candy	11	2	13	....	1909
Dec. 9	Columbia Electric Co	Kalamazoo	Electrical supplies	8	1	9	....	1893
Dec. 1	Commonwealth Power Co	Kalamazoo	Electricity	40	8	48	....	.....
Sept. 18	Cooke, Mrs. C. H	Kalamazoo	Hair goods	....	4	4	....	1905
Nov. 17	Cook Standard Tool Co	Kalamazoo	Railroad supplies	5	....	5	....	1894
Sept. 18	Cori, Knott & Co	Kalamazoo	Millinery	....	11	11	....	1901
Nov. 10	Crescent Engraving Co	Kalamazoo	Engraving	17	1	18	1	1906
Nov. 24	Crystal Candy Co	Kalamazoo	Candy	2	4	6	....	1903
Nov. 6	Dalm Printing Co	Kalamazoo	Printed matter	12	2	14	....	1913
Nov. 12	D'Arcy Spring Co	Kalamazoo	Springs	70	....	70	....	1903

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KALAMAZOO CO.—*Con.*							
Sept. 19	DeBolt, B. P. & M. A	Kalamazoo	Candy	5	4	9	....	1913
Nov. 26	Dermody, T. J	Kalamazoo	Cigars	12	3	15	....	1909
Nov. 14	Dewing & Sons	Kalamazoo	Interior finish	85	1	86	....	1858
Sept. 30	Diamond, Mrs. L	Kalamazoo	Millinery	.....	2	2	....	1913
Sept. 18	Doolan, Mrs. Ellen A	Kalamazoo	Gowns	.....	6	6	....	1905
Nov. 20	Doubleday Bros. & Co	Kalamazoo	Job printing, etc	25	8	33	....	1909
Nov. 19	Doubleday-Huber-Dolan Co	Kalamazoo	Job printing	14	3	17	....	1910
Nov. 17	Doyle, M	Kalamazoo	Hauling	12	....	12	....	1901
Sept. 25	Doyle, Miss Norine	Kalamazoo	Gowns	.....	4	4	....	1913
Sept. 23	Droste, Mrs. Monteese	Kalamazoo	Millinery	.....	4	4	....	1913
Dec. 1	Dunbar, W. E. & Co	Kalamazoo	Sheet metal	6	....	6	....	1907
Nov. 10	Dunkley Co	Kalamazoo	Machinery	10	1	11	....	1909
Dec. 2	Dutton, C. H. Co	Kalamazoo	Engines and boilers	90	1	91	....	1891
Dec. 16	Eames, G. T. Co., The	Kalamazoo	Machinery	8	1	9	....	1910
Nov. 25	Eastern Michigan Power Co	Kalamazoo	Electricity	14	....	14	....	.....
Nov. 25	East Side Laundry	Kalamazoo	Laundry	6	7	13	....	1907
Dec. 5	Educational Tablet Co	Kalamazoo	Tablets	4	2	6	....	1907
Nov. 11	Enameled Tank Co., The	Kalamazoo	Tanks	15	1	16	....	1907
Nov. 10	Everett, L. Jay	Kalamazoo	Patterns	4	....	4	....	1911
Sept. 18	Fink, Miss Augusta	Kalamazoo	Dressmaking	.....	3	3	....	1910
Oct. 7	Fink, E. A	Kalamazoo	Cleaning and repairing	2	....	2	....	1912
Nov. 25	Fitzgerald, S. P	Kalamazoo	Cigars	8	1	9	....	1913
Dec. 1	Foss Gasoline Engine Co	Kalamazoo	Gasoline engines	2	....	2	....	1899
Nov. 10	Freeman Baking Co	Kalamazoo	Baked goods	31	2	33	....	1913
Nov. 12	Fuller & Sons Mfg. Co	Kalamazoo	Auto parts	27	1	28	....	1903
Dec. 5	Gallagher, F. A	Kalamazoo	Cigars	1	1	2	....	1907
Sept. 18	Geary, Miss May F	Kalamazoo	Gowns	.....	6	6	....	1906
Nov. 10	General Gas Light Co	Kalamazoo	Lamps	102	6	108	....	1901
Nov. 25	Gerline Brass Foundry Co	Kalamazoo	Castings	13	....	13	....	1913
Nov. 17	Gibson Mandolin-Guitar Co	Kalamazoo	Musical instruments	38	12	50	....	1902
Dec. 5	Gill, Joseph E	Kalamazoo	Lumber	5	....	5	....	1902
Nov. 13	Globe Casket Mfg. Co	Kalamazoo	Caskets	64	8	72	....	1870
Nov. 10	Globe Garage & Manufacturing Co	Kalamazoo	Auto repairing	10	....	10	....	1912
Nov. 6	Globe Pattern Works	Kalamazoo	Patterns	6	1	7	....	1903
Dec. 3	Godfrey Lumber Co	Kalamazoo	Lumber	10	....	10	....	1904
Nov. 11	Goodale Co	Kalamazoo	Aluminum	13	1	14	....	1912
Nov. 6	Gorman Cycle Co	Kalamazoo	Motor cycles	2	....	2	....	1899
Nov. 19	Graff, D. & Sons	Kalamazoo	Junk	17	6	23	....	1908
Nov. 12	Gumbinsky, Oscar & Sons	Kalamazoo	Junk	14	20	34	....	1910
Nov. 13	Hanselman Candy Co., The	Kalamazoo	Candy	32	22	55	....	1880
Oct. 7	Hardin, Madam	Kalamazoo	Dressmaking	.....	1	1	....	1913
Nov. 14	Harrow, Wm. O	Kalamazoo	Auto repairing	5	1	6	....	1910
Dec. 4	Harrigan, Daniel Coal Co	Kalamazoo	Coal and wood	6	....	6	....	1905
Dec. 3	Harris & Pratt	Kalamazoo	Coal	5	....	5	....	1907
Dec. 3	Harrow Spring Co	Kalamazoo	Iron and steel	163	1	164	....	1912
Sept. 19	Harvey Candy & Ice Cream Co	Kalamazoo	Candy	9	....	9	....	1898
Nov. 24	Hawthorne Paper Co	Kalamazoo	Paper	59	38	97	....	1911
Sept. 25	Heiden, S	Kalamazoo	Custom clothing	2	3	5	....	1912
Nov. 7	Henderson-Ames Co	Kalamazoo	Regalias	141	170	311	4	1893
Nov. 7	Hill, Wm E. Co	Kalamazoo	Machinery	46	1	47	....	1881
Nov. 26	Hinckley Electric Co., Inc	Kalamazoo	Electrical supplies	7	....	7	....	1912
Sept. 25	Hogle, The Beauty Shop	Kalamazoo	Hair goods	.....	4	4	....	1911
Nov. 10	Hotop, Fred J	Kalamazoo	Plumbing	12	1	13	....	1906
Nov. 7	Humphrey Mfg. Co	Kalamazoo	Heaters	88	10	98	....	1886
Nov. 26	Ideal Plumbing Co	Kalamazoo	Plumbing	7	....	7	....	1907
Nov. 20	Ihling Bros. Everard Co	Kalamazoo	Office supplies	69	57	126	2	1869
Dec. 8	Illinois Envelope Co	Kalamazoo	Envelopes	33	50	83	2	1902
Dec. 1	Independent Oil Co	Kalamazoo	Oils	5	....	5	....	1898
Dec. 4	Johnson-Howard Co	Kalamazoo	Flour and feed	9	....	9	....	1911
Nov. 28	Kalamazoo Advocate, The	Kalamazoo	Printed matter	9	....	9	....	1913

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Factory Inspection.—Continued.

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	KALAMAZOO CO.—*Con.*							
Nov. 3	Kalamazoo Big Four Light & Fuel Co.	Kalamazoo	Machinery	2	....	2	....	1912
Nov. 5	Kalamazoo Bottling Co	Kalamazoo	Soft drinks	3	....	3	....	1906
Nov. 25	Kalamazoo Bread Co	Kalamazoo	Baked goods	29	1	30	1	1910
Dec. 1	Kalamazoo Brewing Co	Kalamazoo	Beer	11	....	11	....	1905
Dec. 1	Kalamazoo Coal & Sprinkling Co	Kalamazoo	Coal and wood	5	....	5	....	1895
Nov. 20	Kalamazoo Cold Storage Co	Kalamazoo	Storage	6	1	7	....	1891
Nov. 10	Kalamazoo Corset Co	Kalamazoo	Corsets	79	376	455	1	1891
Dec. 1	Kalamazoo Creamery Co	Kalamazoo	Dairy products	14	3	17	....	1907
Nov. 24	Kalamazoo Foundry & Machine Co.	Kalamazoo	Castings, etc	45	....	45	....	1888
Dec. 1	Kalamazoo Gas Co	Kalamazoo	Gas and coke	90	11	101	....	1899
Dec. 9	Kalamazoo Gazette, The	Kalamazoo	Printed matter	37	5	42	....	1833
Nov. 18	Kalamazoo Ice & Fuel Co	Kalamazoo	Ice and fuel	15	....	15	....	1893
Nov. 13	Kalamazoo Kace Co	Kalamazoo	Cigar cases	2	1	3	....	1913
Nov. 11	Kalamazoo Label Co	Kalamazoo	Labels	10	24	34	....	1909
Nov. 6	Kalamazoo Laundry Co	Kalamazoo	Laundry	28	91	119	....	1898
Nov. 7	Kalamazoo Loose Leaf Binder Co	Kalamazoo	Loose leaf binders	53	13	66	2	1906
Nov. 18	Kalamazoo Lumber Co	Kalamazoo	Lumber & interior finish	12	....	12	....	1903
Nov. 7	Kalamazoo Manufacturing Co	Kalamazoo	Washing machines	5	1	6	....	1913
Nov. 26	Kalamazoo Monument Co	Kalamazoo	Monuments	4	1	5	....	1908
Nov. 26	Kalamazoo Municipal Light Plant	Kalamazoo	Electricity	8	....	8	....	1895
Dec. 3	Kalamazoo Oil Co., Inc	Kalamazoo	Oils	5	....	5	....	1913
Nov. 26	Kalamazoo Pant Co	Kalamazoo	Underwear	52	163	215	....	1897
Nov. 14	Kalamazoo Paper Box Co	Kalamazoo	Paper boxes	31	75	106	1	1906
Nov. 21	Kalamazoo Paper Co., No. 1	Kalamazoo	Paper	154	74	228	....	1867
Nov. 21	Kalamazoo Paper Co., No. 2	Kalamazoo	Paper	82	32	114	....	1867
Nov. 11	Kalamazoo Plating Co	Kalamazoo	Plating	3	....	3	....	1913
Nov. 26	Kalamazoo Publishing Co	Kalamazoo	Job printing	7	1	8	....	1880
Dec. 11	Kalamazoo Railway Supply Co	Kalamazoo	Railway supplies	72	3	75	....	1896
Nov. 13	Kalamazoo Sheet Metal Mfg. Co	Kalamazoo	Sheet metal	9	....	9	....	1909
Dec. 3	Kalamazoo Sled Co., The	Kalamazoo	Sleds, etc	77	2	79	16	1893
Nov. 21	Kalamazoo Soap Co	Kalamazoo	Soap	3	....	3	....	1910
Dec. 3	Kalamazoo Spring & Axle Co	Kalamazoo	Springs and axles	96	2	98	....	1870
Dec. 15	Kalamazoo State Hospital	Kalamazoo	State institution	....	....	....	....	....
Nov. 19	Kalamazoo Stationery Co	Kalamazoo	Stationery	84	56	140	5	1904
Nov. 21	Kalamazoo Steel Goods Co	Kalamazoo	Chairs	4	....	4	....	1909
Nov. 11	Kalamazoo Storage & Transfer Co	Kalamazoo	Storage	5	1	6	....	1906
Nov. 20	Kalamazoo Stove Co	Kalamazoo	Stoves	321	23	344	1	1901
Nov. 19	Kalamazoo Tank & Silo Co	Kalamazoo	Tanks and silos	45	4	49	....	1904
Dec. 9	Kalamazoo Telegraph Press	Kalamazoo	Printed matter	31	4	35	....	1911
Dec. 27	Kalamazoo Vegetable Parchment Co.	Kalamazoo	Paper	58	17	75	1	1909
Nov. 6	Kalamazoo Vulcanizing Shop	Kalamazoo	Vulcanizing	2	....	2	....	1911
Dec. 2	Kalamazoo Water Works	Kalamazoo	Water	11	....	11	....	1881
Aug. 22	Kappen, H. E.	Kalamazoo	Farm produce	3	....	3	....	1912
Nov. 14	Kent Morris Co	Kalamazoo	Grain and produce	12	9	21	....	1906
Nov. 26	Keyser Bros. Laundry	Kalamazoo	Laundry	10	31	41	....	1898
Dec. 1	King Paper Co	Kalamazoo	Paper	339	108	447	....	1901
Sept. 19	Kline, Mrs. L. A	Kalamazoo	Millinery	....	7	7	....	1898
Nov. 26	Klose, L. R., Electric Co	Kalamazoo	Electrical supplies	17	....	17	....	1909
Nov. 25	Kools, Benj. E	Kalamazoo	Repairing	1	....	1	....	1913
Nov. 26	Kreeger, Wm. E	Kalamazoo	Coal and wood	5	....	5	....	1889
Nov. 25	Lakey, A. L. Co	Kalamazoo	Paints	11	....	11	....	1898
Nov. 12	Lee & Cady	Kalamazoo	Provisions	30	2	32	....	1909
Nov. 13	Lots, A. H. & Co	Kalamazoo	Job printing	3	....	3	....	1901
Dec. 1	Lounsbery, W. A. Co., The	Kalamazoo	Trucks	14	1	15	....	1904
Nov. 14	Little Bros	Kalamazoo	Grain, flour, etc	9	....	9	....	1912

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Factory Inspection.—Continued.

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	KALAMAZOO CO.—*Con.*							
Dec. 1	Lull Carriage Co	Kalamazoo	Buggies and cutters	73	5	78	....	1902
Sept. 29	MacDonald, Mrs. A. B	Kalamazoo	Millinery	.....	5	5	....	1908
Nov. 10	McKerring, J. C	Kalamazoo	Cigars	5	1	6	....	1907
Oct. 6	McMillan, Mrs. Mable	Kalamazoo	Millinery	.....	5	5	1	1913
Dec. 3	McSweeney Lumber Co	Kalamazoo	Lumber	4	....	4	....	1910
Sept. 18	Mason, A. A	Kalamazoo	Millinery	.....	8	8	....	1880
Nov. 28	Maynard Printing Co	Kalamazoo	Job printing	4	....	4	....	1912
Dec. 4	Merchants Publishing Co	Kalamazoo	Job printing	40	38	78	2	1902
Nov. 21	Metal Sign Board Advertising Co., Inc.	Kalamazoo	Signs	6	1	7	....	1909
Nov. 13	Metzger, Wm. U	Kalamazoo	Sheet metal	5	1	6	....	1912
Nov. 13	Meulenberg Sheet Metal Works	Kalamazoo	Sheet metal	11	1	12	....	1905
Dec. 1	Michigan Butter Co., The	Kalamazoo	Dairy products	3	1	4	....	1906
Nov. 25	Michigan Central R. R. Co	Kalamazoo	Engine repairing	113	....	113	....	1911
Nov. 25	Michigan Central R. R. Co	Kalamazoo	Car repairing	52	....	52	....	.....
Dec. 4	Michigan Engraving & Embossing Co.	Kalamazoo	Engraving	2	1	3	....	1910
Nov. 11	Michigan Felting Co	Kalamazoo	Waste	7	....	7	....	1909
Dec. 1	Michigan United Traction Co	Kalamazoo	Car repairing	32	....	32	....	.....
Dec. 9	Miller, Ryder & Winterburn Co	Kalamazoo	Coal and feed	8	1	9	....	1890
Dec. 22	Mills, William	Kalamazoo	Flour	3	....	3	....	1913
Dec. 22	Model Baking Co., The	Kalamazoo	Baked goods	6	3	9	....	1908
Dec. 4	Model Plumbing Co., The	Kalamazoo	Plumbing	8	....	8	....	1907
Dec. 10	Monarch Paper Co	Kalamazoo	Paper	226	67	293	....	1883
Nov. 18	National Gas Light Co	Kalamazoo	Gas lamps	12	1	13	....	1906
Nov. 13	National Mfg. Co	Kalamazoo	Auto parts	2	1	3	....	1912
Nov. 14	National Storage Co	Kalamazoo	Storage	5	....	5	....	1912
Nov. 5	National Water Lift Co	Kalamazoo	Water lifts	4	....	4	....	1909
Nov. 26	North Lumber & Mfg. Co	Kalamazoo	Lumber	29	....	29	1	1913
Nov. 10	Oatman, Wm. H	Kalamazoo	Job printing	3	....	3	....	1909
Oct. 1	Oliver, Mrs. Palmer	Kalamazoo	Millinery	.....	3	3	....	1903
Nov. 6	O'Mera, Jas. J	Kalamazoo	Cigars	14	1	15	....	1911
Sept. 24	O'Rourke, Mrs. E	Kalamazoo	Millinery	.....	6	6	....	1911
Nov. 25	Paris Dry Cleaning & Dye Works, The	Kalamazoo	Cleaning and dyeing	6	6	12	....	1902
Sept. 18	Paxton, Miss R	Kalamazoo	Millinery	.....	4	4	....	1905
Nov. 26	Pease & Son	Kalamazoo	Job printing	3	....	3	....	1881
Dec. 2	Peerless Rubber Co	Kalamazoo	Rubber goods	2	....	2	....	1909
Nov. 25	Phelps & Bigelow Wind Mill Co., The	Kalamazoo	Wind mills	21	1	22	....	1876
Nov. 24	Pioneer Welding Co	Kalamazoo	Welding	2	....	2	....	1912
Sept. 24	Postal Telegraph & Cable Co	Kalamazoo	Telegraph service	6	2	8	....	.....
Nov. 25	Perfection Mattress Co., The	Kalamazoo	Mattresses	3	....	3	....	1911
Nov. 25	Ranney, Maurice O	Kalamazoo	Bicycle repairing	1	....	1	....	1910
Nov. 28	Reed Foundry & Machine Co	Kalamazoo	Castings	41	2	43	....	1913
Nov. 24	Riverview Coated Paper Co	Kalamazoo	Paper	148	38	186	8	1902
Nov. 18	Riverside Foundry Co	Kalamazoo	Plumbers' supplies	53	....	53	....	1903
Dec. 2	Rogers, C. B. Superior Bakery	Kalamazoo	Baked goods	2	1	3	....	1913
Sept. 29	Rose & Fink	Kalamazoo	Gowns	.....	2	2	....	1909
Sept. 26	Rosenfarb, A	Kalamazoo	Ladies' tailoring	2	3	5	....	1895
Dec. 9	Royal Bakery	Kalamazoo	Baked goods	3	3	6	....	1912
Nov. 25	Russell, Frank W	Kalamazoo	Decorating	10	1	11	....	1890
Sept. 26	Russell, Frank W	Kalamazoo	Painting and decorating	26	....	26	....	1893
Sept. 19	Russell, Mrs. G. V	Kalamazoo	Millinery	.....	8	8	....	1892
Nov. 20	Salmon, M	Kalamazoo	Cigars	2	....	2	....	1913
Nov. 26	Salomon, A & Son	Kalamazoo	Cigars	3	8	11	....	1880
Nov. 25	Sanitary Dry Cleaning Shop	Kalamazoo	Cleaning and pressing	3	1	4	....	1912
Sept. 18	Saxa, Madame	Kalamazoo	Gowns	.....	7	7	....	1913
Oct. 7	Schaus, The Three	Kalamazoo	Millinery	.....	7	7	....	1910

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Factory Inspection.—Continued.

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	KALAMAZOO CO.—*Con.*							
Nov. 11	Schuur, Rufus	Kalamazoo	Celery	6	....	6	....	1888
Dec. 4	Scott, Harry A. & Co	Kalamazoo	Auto repairing	7	....	7	....	1912
Nov. 17	Sergeant, E. M	Kalamazoo	Coal and wood	2	....	2	....	1909
Nov. 6	Shakespeare Press	Kalamazoo	Job printing	5	2	7	....	1913
Nov. 14	Shakespeare, William, Jr., Co	Kalamazoo	Fishing tackle	88	16	104	1	1909
Sept. 19	Simmerer, Herman	Kalamazoo	Fur goods	3	2	5	....	1904
Nov. 26	Smith, H. P. Press, The	Kalamazoo	Job printing	2	1	3	....	1911
Nov. 26	Smith & Reeves	Kalamazoo	Cigars	4	1	5	....	1913
Nov. 20	Southern Michigan Paper Co	Kalamazoo	Paper	5	3	8	....	1909
Nov. 28	Spade Mfg. Co	Kalamazoo	Universal joints	17	1	18	....	1912
Nov. 13	Spalla, Frank	Kalamazoo	Fruits	3	....	3	....	1905
Nov. 12	Standard Oil Co	Kalamazoo	Oils	9	....	9	....	.....
Nov. 12	Standard Paper Co	Kalamazoo	Paper	164	....	164	....	1904
Nov. 20	Star Paper Co., The	Kalamazoo	Paper	9	2	11	....	1899
Nov. 6	Standard Sheet Metal Works	Kalamazoo	Sheet metal	3	....	3	....	1913
Dec. 2	Standard Welding Co	Kalamazoo	Welding	2	....	2	....	1913
Nov. 21	Superior Ice Co	Kalamazoo	Ice	10	....	10	....	1909
Nov. 11	Swindell, C. H. & Co	Kalamazoo	Storage	7	....	7	....	1902
Sept. 19	Tackaberry & Andrews	Kalamazoo	Millinery	.....	4	4	....	1908
Dec. 2	Ten Buschen, Albert	Kalamazoo	Cigars	5	....	5	....	1905
Nov. 6	Todd, A. M. Co	Kalamazoo	Essential oils	4	2	6	....	1869
Sept. 26	Travis, E. E	Kalamazoo	Custom clothing	2	....	2	....	1907
Nov. 12	Trio Laundry	Kalamazoo	Laundry	8	15	23	....	1913
Nov. 12	Union Trim & Lumber Co	Kalamazoo	Lumber	45	1	46	....	1910
Nov. 28	Upjohn Co., The	Kalamazoo	Medicines	118	94	212	....	1886
Dec. 3	Van Bochove & Sons Mfg. Co	Kalamazoo	Interior finish	11	....	11	....	1910
Nov. 20	Van Gorder Ruling Co	Kalamazoo	Paper ruling	3	....	3	....	1913
Nov. 7	Vanguard Press, The	Kalamazoo	Job printing	2	....	2	....	1913
Sept. 18	Vorenkamp Sisters	Kalamazoo	Millinery	.....	8	8	....	1893
Nov. 13	Walsh, A. W	Kalamazoo	Provisions	7	....	7	....	1913
Oct. 6	Weaver, Ralph C	Kalamazoo	Custom clothing	2	1	3	....	1913
Nov. 24	Western Board & Paper Co	Kalamazoo	Box board	50	1	51	....	1909
Sept. 24	Western Union Telegraph Co., The	Kalamazoo	Telegraph service	10	3	13	1	.....
Nov. 25	Wheeler Blaney Co	Kalamazoo	Plumbing	51	....	51	....	1906
Sept. 26	White, Fred C	Kalamazoo	Cleaning and pressing	2	1	3	....	1909
Dec. 2	Willage, Sam	Kalamazoo	Baked goods	3	....	3	....	1906
Dec. 1	Williams, H. H	Kalamazoo	Leather specialties	2	....	2	....	1905
Nov. 24	Windslow, Edward L	Kalamazoo	Monuments	4	....	4	....	1880
Sept. 25	Wood, A. E. & Co., Inc	Kalamazoo	Millinery	.....	3	3	....	1909
Dec. 1	Woodhams, Oakley & Oldfield Co	Kalamazoo	Coal	11	3	14	....	1902
Nov. 20	Worden Grocery Co	Kalamazoo	Groceries	14	3	17	....	1912
Dec. 9	Yonkerman Co., The	Kalamazoo	Medicines	7	12	19	....	1901
Nov. 13	Young, A. M. & Co	Kalamazoo	Novelties	1	4	5	....	1912
Dec. 5	Young Rug & Mfg. Co	Kalamazoo	Rugs	5	....	5	....	1894
Dec. 26	Zeeland Brick Co	Ostemo	Brick	21	....	21	....	1848
Dec. 29	Stevens & Martens	Richmond	Grain and produce	6	....	6	....	1911
Oct. 24	Bell, R. M	Schoolcraft	Auto repairing	1	....	1	....	1911
Oct. 21	Case & Harvey	Schoolcraft	Farm produce	4	....	4	....	1913
Aug. 22	Inner-Brace Furniture Co	Schoolcraft	Furniture	24	1	25	....	1911
Oct. 24	Island Creamery, The	Schoolcraft	Dairy products	3	....	3	....	1911
Oct. 24	Municipal Electric Light Plant	Schoolcraft	Light	3	....	3	....	1903
Oct. 24	Roberts & Harrison	Schoolcraft	Lumber	2	....	2	....	1912
Oct. 24	Schoolcraft Express, The	Schoolcraft	Printed matter	2	1	3	....	1883
Dec. 20	Scotts Milling Co	Scotts	Flour	3	....	3	....	1879
Dec. 30	White Bros. & Co	Scotts	Grain	3	....	3	....	1900

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KALAMAZOO CO.—*Con.*							
Dec. 23	Bishop Creameries, The	Vicksburg	Dairy products	4	....	4	....	1907
Dec. 23	Borton's Bakery	Vicksburg	Baked goods	2	....	2	....	1907
July 28	Borton Bros	Vicksburg	Auto repairing	2	....	2	....	1910
Dec. 23	Camp, W. H	Vicksburg	Cement tile	2	....	2	....	1911
Dec. 23	City Water & Light Plant	Vicksburg	Water and light	5	....	5	....	1894
July 28	Dentler Bagger Co., The	Vicksburg	Grain baggers	3	....	3	....	1900
Dec. 23	Godshalk, J. M	Vicksburg	Flour and feed	2	....	2	....	1906
Dec. 23	Hudson, Chas	Vicksburg	Farm produce	2	....	2	....	1901
July 28	Jenkenson, R. D	Vicksburg	Grain	2	....	2	....	1909
Dec. 23	Lawrence, L. R	Vicksburg	Coal and wood	4	....	4	....	1905
July 28	Lee Paper Co	Vicksburg	Paper	139	95	234	....	1905
Dec. 23	Robison Auto Jack Works	Vicksburg	Auto jacks	5	....	5	....	1913
Dec. 23	Root, C. D. & Co	Vicksburg	Coal	3	....	3	....	1908
Dec. 23	Styles, D. I	Vicksburg	Tinning	2	....	2	....	1909
Dec. 23	Tobey Bros	Vicksburg	Auto repairing	3	....	3	....	1912
July 28	Vicksburg Governor Co., The	Vicksburg	Governors	34	1	35	....	1893
July 28	Vicksburg Laundry	Vicksburg	Laundry	1	1	2	....	1909
Dec. 23	Vicksburg Lumber Co	Vicksburg	Lumber	3	....	3	....	1906
Dec. 23	Vicksburg Semi-Weekly Commercial. The	Vicksburg	Printed matter	4	1	5	....	1897
Dec. 29	Price Cereal Products Co	Yorkville	Cereals	8	3	11	....	1903
	KALKASKA COUNTY.							
Sept. 4	Blue Lake Lumber Co	Blue Lake	Lumber and lath	45	....	45	....	1901
Sept. 5	Bird, H. L	Kalkaska	Lumber and shingles	2	....	2	....	1904
Sept. 5	Dennison, M F	Kalkaska	Lath	4	....	4	....	1911
Sept. 5	Euller Bros	Kalkaska	Flour and feed	2	....	2	....	1913
Sept. 5	Hill, W. W. & Son	Kalkaska	Wagon repairing	2	....	2	....	1901
Sept. 5	Hinds, S. B	Kalkaska	Lath, etc	2	....	2	....	1905
Sept. 5	Johnson, Elmer F. Cycle Works, The	Kalkaska	Repairing	1	....	1	....	1893
Sept. 5	Kalkaska Handle Co	Ka'kaska	Broom handles	29	....	29	....	1911
Sept. 5	Kalkaska Light & Power Co	Kalkaska	Electricity	5	....	5	....	1904
Sept. 5	Kalkaska Publishing Co	Kalkaska	Printed matter	4	....	4	....	1910
Sept. 5	Kalkaska Water Works	Kalkaska	Water	1	....	1	....	1940
Sept. 5	Michigan State Telephone Co	Kalkaska	Telephone service	4	2	6	....	1912
Sept. 5	Richardson, O. E	Kalkaska	Repairing	2	....	2	....	1889
Sept. 5	Winters, William	Kalkaska	Lumber and feed	1	....	1	....	1902
Sept. 5	McFarren, J. M	Rapid City	Farm implements	3	....	3	1	1905
Sept. 6	Brown, Sydna	South Boardman	Blacksmithing	1	....	1	....	1911
Sept. 6	Rolle, M	South Boardman	Blacksmithing	1	....	1	....	1908
Sept. 6	Wellman, M. E. & Chas. A	South Boardman	Lumber and handles	13	1	14	....	1906
Sept. 6	Youngs, Frank S	South Boardman	Flour and feed	2	....	2	....	1903
	KENT COUNTY.							
Oct. 31	Haskin, S. W. & G. W	Ada	Crates	7	5	12	....	1900
Oct. 31	Grand Rapids Grain & Milling Co	Ada	Flour	3	....	3	....	1874
Oct. 31	Martin & Frisbie Basket Works	Ada	Baskets	9	....	9	....	1900
Nov. 4	Alto Co-Operative Creamery Assn., Ltd	Alto	Dairy products	4	....	4	....	1911
Nov. 4	Alto Lumber Co., The	Alto	Lumber	2	....	2	....	1908
Nov. 4	Layer, J. H	Alto	Grain, etc	3	4	7	....	1898
Nov. 1	Overland Garage, The	Alto	Auto repairing	2	....	2	....	1913
Nov. 6	Arendsen Bros	Byron Center	Wagons	5	....	5	....	1913
Nov. 6	Byron Center Creamery Co	Byron Center	Dairy products	3	....	3	....	1906
Nov. 6	Byron Center Milling Co	Byron Center	Flour	3	....	3	....	1895

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KENT CO.—*Con.*							
Nov. 6	Caledonia Co-Operative Creamery Association, Ltd	Caledonia	Dairy products	3	1	4	....	1911
Nov. 6	Caledonia Milling Co	Caledonia	Flour	4	....	4	....	1900
Nov. 6	Wilson, M. Elevator Co	Caledonia	Grain, etc	8	4	12	....	1897
Oct. 23	Casnovia Herald, The	Casnovia	Printed matter	2	1	3	....	1878
Oct. 23	Martin Produce & Lumber Co	Casnovia	Grain, etc	3	5	8	....	1909
Oct. 23	Norris, J. L. & Son	Casnovia	Grain, etc	3	10	13	....	1888
Oct. 30	Bailey, W. H	Cedar Springs	Machinery	2	....	2	....	1909
Oct. 30	Bliss, A. F. & Co	Cedar Springs	Grain	3	....	3	....	1901
Oct. 30	Cedar Springs Garage	Cedar Springs	Auto repairing	3	....	3	....	1912
Oct. 30	Cedar Springs Liberal	Cedar Springs	Printed matter	1	1	2	....	1890
Oct. 30	Cedar Springs Water Works	Cedar Springs	Water	1	....	1	....	1890
Oct. 30	Clipper Printing House, The	Cedar Springs	Job printing	3	....	3	....	1869
Oct. 30	Kent Creamery Co	Cedar Springs	Dairy products	3	....	3	....	1907
Oct. 30	Morley, A	Cedar Springs	Dressed lumber	2	....	2	....	1912
Oct. 30	Munsell & Cook	Cedar Springs	Wagons	2	....	2	....	1904
Oct. 30	Remer, E. A	Cedar Springs	Grain, etc	4	20	24	....	1886
Oct. 30	Rudell Creamery	Cedar Springs	Dairy products	2	....	2	....	1904
Oct. 30	Sanford, M. E	Cedar Springs	Dressed lumber	2	....	2	....	1889
Oct. 30	Shaw, A. H	Cedar Springs	Grain	2	....	2	....	1906
Oct. 29	Childsdale Paper Mills	Childsdale	Paper	12	1	13	....	1867
Dec. 2	Good, J. W	Dutton	Grain, etc	2	....	2	....	1897
Oct. 16	Thum, O. & W. Co	Elmbrook	Castor oil	8	....	8	....	1904
June 20	Ackerman, W. M. Electric Co	Grand Rapids	Electrical fixtures	6	....	6	....	1906
Sept. 29	Acme Cement Plaster Co	Grand Rapids	Stucco	26	1	27	....	1905
Sept. 29	Acme Cement Plaster Co	Grand Rapids	Plaster blocks	22	....	22	....	1913
Sept. 29	Acme Welding & Repair Co	Grand Rapids	Repairing	5	....	5	....	1911
Sept. 16	Adams & Hart	Grand Rapids	Auto repairing	6	....	6	....	1891
June 24	Adjustable Table Co	Grand Rapids	Furniture	80	9	89	1	1904
Sept. 22	Alabastine Co	Grand Rapids	Paints	33	21	54	....	1885
Oct. 6	Alaska Fur Co	Grand Rapids	Furs	4	11	15	....	1895
July 21	Allen Bros	Grand Rapids	Baked goods	5	1	6	....	1910
Sept. 17	Allen & Dorthy	Grand Rapids	Auto repairing	5	1	6	....	1895
July 11	Anheuser-Busch Brewing Association	Grand Rapids	Beer	8	2	10	....	1894
Oct. 9	Anway Co., The	Grand Rapids	Upholstering	7	....	7	....	1909
Sept. 22	American Artificial Stone Co	Grand Rapids	Stone	3	....	3	....	1908
July 12	American Box Board Co	Grand Rapids	Box board	30	24	54	2	1910
Oct. 1	American Carpet Cleaning Works	Grand Rapids	Cleaning, etc	2	2	4	....	1893
Sept. 24	American Cement Plaster Co., The	Grand Rapids	Gypsum products	37	....	37	....	1908
Sept. 24	American Cement Plaster Co., The	Grand Rapids	Plaster boards	27	....	27	....	1911
July 12	American Corrugating Co	Grand Rapids	Paper	91	1	92	....	1909
Sept. 12	American Laundry	Grand Rapids	Laundry	59	156	215	2	1881
Oct. 4	American Metal Weather Strip Co	Grand Rapids	Weather strips	7	1	8	....	1912
July 24	American Mfg. Co	Grand Rapids	Furniture	30	2	32	1	1893
June 24	American Paper Box Co	Grand Rapids	Boxes	26	49	75	5	1903
May 31	American Seating Co	Grand Rapids	Furniture	806	15	821	5	1885
Oct. 14	Arctic Spring Water Co	Grand Rapids	Water	3	1	4	....	1894
June 19	Attwood Brass Works	Grand Rapids	Auto parts	14	1	15	....	1898
July 22	Au Sable Electric Co	Grand Rapids	Electricity	7	....	7	....	1900
July 8	Au Sable Electric Co	Grand Rapids	Electricity	39	....	39	....	1905
Oct. 9	Au Sable Electric Co	Grand Rapids	Electricity	8	....	8	....	1912
Oct. 14	Auto Tire & Vulcanizing Co	Grand Rapids	Tire repairing	6	....	6	....	1913
Oct. 14	Auto Tire & Vulcanizing Co	Grand Rapids	Auto repairing	3	....	3	....	1913
Oct. 20	Auto Sheet Metal Works	Grand Rapids	Sheet metal	3	....	3	....	1911
Sept. 13	Austin Automobile Co	Grand Rapids	Automobiles	17	1	18	....	1901
Oct. 14	Bailey Garage, The	Grand Rapids	Auto repairing	4	1	5	....	1911

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KENT CO.—*Con.*							
May 26	Baker, J.	Grand Rapids	Wagons	4	....	4	....	1900
Oct. 8	Baldwin, H. T.	Grand Rapids	Blacksmithing	9	....	9	....	1891
Sept. 19	Baldwin, Tuthill & Bolton	Grand Rapids	Machinery	62	3	65	....	1889
Oct. 9	Balesh Candy Co.	Grand Rapids	Candy	4	3	7	....	1912
Sept. 19	Barley Electric Co.	Grand Rapids	Electrical supplies	1	1	2	....	1912
Oct. 14	Barclay, Ayers & Bertsch Co.	Grand Rapids	Mill supplies	9	3	12	....	1907
June 11	Barkley, H. E.	Grand Rapids	Wagons, etc.	14	1	15	....	1889
July 29	Barlow Bros.	Grand Rapids	Book binding	11	7	18	....	1880
Oct. 18	Barnard, R. A. Co.	Grand Rapids	Decorating	20	4	24	....	1900
July 2	Bates, W. A. Wood Turning Co.	Grand Rapids	Wood turning	6	....	6	....	1905
Aug. 13	Battjes Fuel & Building Material Co.	Grand Rapids	Building material	21	1	22	....	1893
Sept. 15	Baxter Laundry Co., The	Grand Rapids	Laundry	78	146	224	....	1885
May 24	Bayne, James Co., The	Grand Rapids	Photographic supplies	71	38	109	....	1896
Sept. 18	Becker Auto Co.	Grand Rapids	Auto repairing	31	5	36	....	1909
May 28	Becker Mills	Grand Rapids	Feed, etc.	2	....	2	....	1903
Oct. 18	Beelby Supply Co.	Grand Rapids	Auto repairing	3	1	4	....	1898
Aug. 20	Behler & Cox	Grand Rapids	Sheet metal	13	....	13	....	1908
Aug. 2	Behnke, G. H.	Grand Rapids	Flour	9	1	10	....	1881
July 26	Bel-Car-Mo Nut Butter Co	Grand Rapids	Peanut butter	4	3	7	....	1912
June 11	Belknap Wagon Co.	Grand Rapids	Wagons	36	1	37	....	1872
Aug. 16	Berkey & Gay Furniture Co.	Grand Rapids	Furniture	721	26	747	....	1850
July 29	Berkey, Wm. A. Furniture Co.	Grand Rapids	Furniture	127	....	127	....	1885
Oct. 6	Berry & Trowbridge	Grand Rapids	Custom clothing	8	4	12	....	1885
Aug. 23	Bissell Carpet Sweeper Co.	Grand Rapids	Carpet sweepers	393	50	443	....	1883
Sept. 13	Black, F. D.	Grand Rapids	Monuments	10	1	11	....	1883
Aug. 5	Blake Steam Bakery	Grand Rapids	Baked goods	23	1	24	....	1887
Aug. 27	Blue Valley Creamery Co.	Grand Rapids	Dairy products	19	10	29	....	1911
Aug. 13	Board of Public Works	Grand Rapids	Electricity	19	....	19	....	1899
Aug. 12	Board of Public Works	Grand Rapids	Water	45	....	45	....	1874
Aug. 19	Board of Public Works	Grand Rapids	Water	17	....	17	....	1912
Oct. 8	Boss Leather Co., The	Grand Rapids	Leather goods	2	1	3	....	1909
Oct. 6	Boosler's Hair Shop	Grand Rapids	Hair goods	....	11	11	....	1906
Aug. 1	Bousman Mfg. Co., Inc.	Grand Rapids	Tanks, etc.	5	....	5	....	1913
July 27	Boyce Bros.	Grand Rapids	Repairing	9	....	9	....	1911
Sept. 5	Boyland Creamery Co.	Grand Rapids	Dairy products	7	1	8	....	1906
Aug. 19	Bradley Laundry	Grand Rapids	Laundry	14	31	45	4	1906
July 9	Brand, Adam	Grand Rapids	Wagons	4	....	4	....	1894
May 24	Braudy, M. Sons	Grand Rapids	Junk	12	....	12	....	1904
June 20	Braudy, M. & Sons	Grand Rapids	Machinery	19	2	21	....	1883
June 14	Brechting, Frank	Grand Rapids	Wagons	4	....	4	....	1880
Aug. 1	Brommelje, Wm. & Son	Grand Rapids	Rags, etc.	8	4	12	....	1883
Sept. 17	Bronson, C. J.	Grand Rapids	Auto repairing	13	1	14	....	1903
Sept. 6	Brooks, A. E. & Co.	Grand Rapids	Candy	25	54	79	2	1880
Sept. 17	Brose, Robert F.	Grand Rapids	Sheet metal	3	....	3	....	1913
Sept. 27	Brown, Alfred J. Seed Co.	Grand Rapids	Seeds	10	50	60	....	1885
Sept. 17	Brown, O. E. Co.	Grand Rapids	Grains, etc.	2	1	3	....	1883
June 2	Brown & Sehler Co., No. 1	Grand Rapids	Harness	49	....	49	....	1882
May 2	Brown & Sehler Co., No. 2	Grand Rapids	Furs	14	5	19	....	1911
Aug. 5	Brummeler's, Wm. Sons Co.	Grand Rapids	Metal goods	13	1	14	....	1879
Oct. 23	Bucknum, Mrs. Elsa	Grand Rapids	Gowns	....	11	11	....	1905
Sept. 12	Buick Repair Co.	Grand Rapids	Auto repairing	7	....	7	....	1912
May 26	Bulman, E. O. Mfg. Co.	Grand Rapids	Metal goods	12	1	13	....	1907
Sept. 13	Burch, A. F. Co.	Grand Rapids	Upholstering	20	2	22	....	1903
June 10	Burns, W. F.	Grand Rapids	Meats	7	1	8	....	1891
Oct. 1	Burton Heights Garage	Grand Rapids	Auto repairing	4	....	4	....	1911

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Factory Inspection.—Continued.

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	KENT CO.—*Con.*							
Aug. 22	Butterworth & Lowe	Grand Rapids	Machinery	23	....	23	....	1842
May 28	Bylsma Printing Co	Grand Rapids	Job printing	1	1	2	....	1911
Aug. 27	Calhoun Photo Material Co	Grand Rapids	Photo materials	9	1	10	....	1910
Sept. 8	Cargill Co	Grand Rapids	Engraving	81	30	111	....	1881
Oct. 23	Carlsen Ladies' Tailor	Grand Rapids	Gowns	3	2	5	....	1905
May 23	Carpenter-Udell Chemical Co	Grand Rapids	Chemicals	18	1	19	....	1912
Oct. 23	Carrier, Mrs	Grand Rapids	Millinery	.....	4	4	....	1896
Sept. 18	Central Auto Co., Ltd	Grand Rapids	Auto repairing	11	1	12	....	1908
Aug. 11	Central Boiler & Supply Co	Grand Rapids	Boilers, etc	23	....	23	....	1893
Aug. 13	Century Furniture Co	Grand Rapids	Furniture	76	6	82	....	1900
Oct. 4	Certified Milk Co	Grand Rapids	Dairy products	20	2	22	....	1913
Aug. 26	Chilver, J. Co	Grand Rapids	Book binding	5	8	13	1	1873
June 10	Chocolate Cooler Co	Grand Rapids	Chocolate coolers	44	2	46	....	1900
Oct. 23	Christensen, Helene M	Grand Rapids	Gowns	.....	7	7	....	1903
Oct. 7	Citizens Telephone Co	Grand Rapids	Telephone service	135	82	217	1	1895
Sept. 5	City Bakery Co	Grand Rapids	Baked goods	27	2	29	....	1894
June 13	Clark, C. B	Grand Rapids	Dowels	3	....	3	....	1890
May 23	Clipper Belt Lacer Co	Grand Rapids	Belt lacers	26	21	47	....	1909
Sept. 12	Colby Gear Co	Grand Rapids	Carriages	7	....	7	....	1904
July 26	Colonial Furniture Co	Grand Rapids	Furniture	5	....	5	....	1910
Aug. 7	Commercial Printing Co	Grand Rapids	Job printing	3	2	5	1	1912
Aug. 2	Connor Foundry Co	Grand Rapids	Castings	18	1	19	....	1911
Oct. 8	Consolidated Chemical Co	Grand Rapids	Chemicals	1	11	12	....	1890
July 11	Consumers Ice Co	Grand Rapids	Wagons, etc	5	....	5	....	1905
Sept. 27	Conti, T. A. & Son	Grand Rapids	Marquetry	2	2	4	....	1904
Sept. 12	Coopersville Creamery Co	Grand Rapids	Dairy products	3	....	3	....	1911
Oct. 23	Corl-Knott & Co	Grand Rapids	Millinery	26	45	71	....	1890
Oct. 23	Cotney, Mary E	Grand Rapids	Gowns	.....	2	2	....	1898
Oct. 10	Cottage Chair Co	Grand Rapids	Furniture	3	....	3	....	1913
July 30	Couple-Gear Freight-Wheel Co	Grand Rapids	Trucks	52	3	55	....	1905
Sept. 15	Covell-Hensen Co., The	Grand Rapids	Job printing	11	3	14	....	1883
Aug. 29	Coye, Chas. A., Inc	Grand Rapids	Awnings	10	4	14	....	1855
Oct. 23	Craig Hat Shop	Grand Rapids	Millinery	.....	4	4	....	1905
Oct. 14	Creston Garage, The	Grand Rapids	Auto repairing	3	....	3	....	1911
Oct. 14	Creston News, The	Grand Rapids	Printed matter	3	1	4	....	1904
Aug. 18	Criswell Furniture Co., The	Grand Rapids	Furniture	20	1	21	....	1907
Oct. 25	Daane, H	Grand Rapids	Meats	12	1	13	....	1888
July 1	Dahm & Kiefer Tanning Co	Grand Rapids	Leather	56	....	56	....	1889
Aug. 7	Dale Bros. Excelsior Co	Grand Rapids	Excelsior	13	....	13	....	1892
June 19	Davies-Putnam Co	Grand Rapids	Furniture	47	1	48	....	1893
Sept. 12	Dawson, Charles	Grand Rapids	Repairing	11	....	11	....	1883
July 29	Dean-Hicks Co., The	Grand Rapids	Job printing	91	36	127	....	1891
Oct. 14	DeHaan Printing Co	Grand Rapids	Job printing	2	....	2	....	1906
Sept. 27	DeNio, George Co	Grand Rapids	Interior finish	10	....	10	....	1901
Oct. 8	Denison, Dykema & Co	Grand Rapids	Sheet metal	19	1	20	....	1893
Aug. 27	De Standaard	Grand Rapids	Printed matter	5	....	5	....	1875
Sept. 26	DeVries Printing Co	Grand Rapids	Printed matter	4	3	7	....	1910
June 17	DeWindt, A	Grand Rapids	Photographs	3	....	3	....	1900
Aug. 25	Diamond Steel Truck Co	Grand Rapids	Casters	71	18	89	1	1895
Oct. 4	Dickinson Bros	Grand Rapids	Job printing	48	9	57	....	1895
Oct. 27	Dierdorf Cigar Co	Grand Rapids	Cigars	16	5	21	....	1903
Aug. 15	Ditmar Bros	Grand Rapids	Baked goods	3	1	4	....	1911
Aug. 18	Dodds, Alexander Co	Grand Rapids	Machinery	24	....	24	....	1883
Sept. 26	Dowling, G. P	Grand Rapids	Auto repairing	8	1	9	....	1904
July 29	Duhame Printing Co	Grand Rapids	Job printing	14	....	14	....	1910

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KENT CO.—*Con.*							
Sept. 9	Durfee Embalming Fluid Co	Grand Rapids	Embalming fluid	18	10	28	....	1899
Sept. 26	Dwight, S. A	Grand Rapids	Auto repairing	5	1	6	....	1908
Oct. 10	East End Garage	Grand Rapids	Auto repairing	5	....	5	....	1912
Oct. 8	Ebling, L	Grand Ranids	Blacksmithing	5	....	5	....	1898
June 24	Echo Publishing Co	Grand Rapids	Printed matter	3	1	4	....	1903
Sept. 18	Economy Dye House	Grand Rapids	Dyeing	12	13	25	....	1896
Oct. 1	Economy Rug Co	Grand Rapids	Rugs	2	1	3	....	1913
Aug. 7	Edge & Brethour	Grand Ranids	Interior finish	19	1	20	1	1909
June 12	Edge, Frank & Co	Grand Rapids	Saws	3	1	4	....	1889
Oct. 6	Eifert, Paul	Grand Rapids	Trunks	4	1	5	....	1890
July 12	Eikenhout, H	Grand Rapids	Roofing material	5	....	5	....	1894
Oct. 8	Elliott Machine Co	Grand Rapids	Machinery	125	42	167	....	1892
Sept. 16	Elliott Printing Co	Grand Rapids	Job printing	3	1	4	....	1909
Sept. 30	Enterprise Electric Co	Grand Rapids	Electrical supplies	12	1	13	....	1909
June 10	Enterprise Iron & Metal Co	Grand Rapids	Junk	8	6	14	....	1903
Oct. 7	Etheridge Printing Co	Grand Rapids	Job printing	24	7	31	....	1895
July 31	Evans Printing Co	Grand Rapids	Printed matter	7	2	9	....	1898
Oct. 7	Evening Press, The	Grand Rapids	Printed matter	104	12	116	....	1890
July 17	Excelsior Wrapper Co	Grand Rapids	Wrappers	102	2	104	3	1888
Sept. 16	Farrant, W. S	Grand Rapids	Auto repairing	3	1	4	....	1906
Sept. 10	Fasoldt, Charles	Grand Rapids	Overalls	3	32	35	....	1910
Oct. 20	Feringas Bakery	Grand Rapids	Baked goods	10	....	10	....	1904
July 21	Fiber Grand Co	Grand Rapids	Paper fiber	5	4	9	....	1909
Aug. 21	Fisher Show Case Co	Grand Rapids	Show cases	12	....	12	....	1912
Oct. 1	Fitzpatrick, C	Grand Rapids	Cigars	6	....	6	....	1893
July 26	Folger, G. H. & Son	Grand Rapids	Patterns	7	....	7	....	1910
June 3	"Folgers"	Grand Rapids	Soft drinks	11	2	13	1	1858
Oct. 6	Forbes Stamp Co., The	Grand Rapids	Rubber stamps	6	1	7	....	1876
Sept. 13	Forest Craft Guild	Grand Rapids	Art novelties	8	7	15	....	1903
Oct. 6	Foster, Stevens & Co	Grand Rapids	Sheet metal	11	....	11	....	1846
June 3	Fox, J. W. Excelsior Co	Grand Rapids	Excelsior	7	....	7	....	1877
June 28	Fox Typewriter Co	Grand Rapids	Typewriters	192	49	241	1	1886
Oct. 23	Freeman, E	Grand Rapids	Gowns	.....	4	4	....	1909
Sept. 9	Fruit Belt, The	Grand Rapids	Job printing	3	5	8	....	1905
July 28	Furniture City Brewing Co	Grand Rapids	Beer	37	....	37	....	1905
Aug. 20	Furniture City Printing Co	Grand Rapids	Job printing	3	....	3	....	1906
Oct. 10	Gaiser-Brummeler Co	Grand Rapids	Grains	3	1	4	....	1891
Oct. 8	Gall, W. H	Grand Rapids	Repairing	3	....	3	....	1913
June 25	Gast, P. B. Soap Co	Grand Rapids	Soap	2	....	2	....	1896
June 19	Gee Handy Clamp Co	Grand Rapids	Models	2	....	2	....	1909
June 25	German Rye Bakery	Grand Rapids	Baked goods	14	....	14	....	1872
Sept. 19	Gillette Roller Bearing Co	Grand Rapids	Trucks	7	....	7	....	1903
Sept. 26	Gingrich, I. H	Grand Rapids	Auto repairing	3	....	3	....	1911
Sept. 8	Globe Knitting Works	Grand Rapids	Knit goods	37	278	315	....	1897
Aug. 21	Globe Printing Co., The	Grand Rapids	Job printing	3	....	3	....	1912
Aug. 19	Globe Vice & Truck Co	Grand Rapids	Trucks, etc	11	1	12	....	1899
July 21	Gold Star Bakery	Grand Rapids	Baked goods	11	1	12	....	1909
Oct. 18	Gorham-Loucks Printing Co	Grand Rapids	Job printing	4	....	4	....	1913
Oct. 25	Goss & Co	Grand Rapids	Millinery	.....	6	6	....	1906
Oct. 9	Goudzwaard Bros	Grand Rapids	Sheet metal	5	....	5	....	1885
Sept. 25	Grande Brick Co., The	Grand Rapids	Brick	18	1	19	....	1909
Aug. 2	Grand Enameling Works	Grand Rapids	Enameling	5	1	6	....	1909
Oct. 3	Grand Rapids American Art Furniture Leather Co	Grand Rapids	Leather goods	3	....	3	....	1912
July 21	Grand Rapids Art Glass Co	Grand Rapids	Art glass	9	....	9	....	1912
Sept. 29	Grand Rapids Auto Co	Grand Rapids	Auto repairing	9	....	9	....	1911

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KENT CO.—*Con.*							
Sept. 19	Grand Rapids Band Instrument Co...	Grand Rapids...	Band instruments.....	16	....	16	....	1912
Sept. 9	Grand Rapids Belting Co.....	Grand Rapids...	Belts.....	6	1	7	....	1904
Aug. 18	Grand Rapids Blow Pipe & Dust Arrester Co.....	Grand Rapids...	Sheet metal.....	26	....	26	....	1883
June 14	Grand Rapids Boiler Works.....	Grand Rapids...	Boilers.....	3	....	3	....	1890
June 17	Grand Rapids Boxwood Co.....	Grand Rapids...	Engraving blocks.....	3	....	3	....	1904
July 7	Grand Rapids Brass Co.....	Grand Rapids...	Brass goods.....	228	29	257	7	1887
Aug. 22	Grand Rapids Brewing Co.....	Grand Rapids...	Beer.....	104	....	104	....	1892
Aug. 22	Grand Rapids Brewing Co.....	Grand Rapids...	Beer.....	58	....	58	....	1892
Sept. 24	Grand Rapids Brick Co.....	Grand Rapids...	Brick.....	35	....	35	....	1880
Oct. 14	Grand Rapids Broom Co., The.....	Grand Rapids...	Brooms.....	5	2	7	....	1900
June 16	Grand Rapids Brush Co.....	Grand Rapids...	Brushes.....	64	38	102	....	1871
May 28	Grand Rapids Builders Supply Co....	Grand Rapids...	Cement blocks.....	5	1	6	....	1910
Oct. 11	Grand Rapids Carpet Cleaning Works.	Grand Rapids...	Cleaning, etc.....	2	1	3	....	1909
May 29	Grand Rapids Casket Co.....	Grand Rapids...	Caskets.....	12	3	15	....	1911
Aug. 12	Grand Rapids Chair Co.....	Grand Rapids...	Furniture.....	350	2	352	....	1872
July 28	Grand Rapids Cigar Box Co.....	Grand Rapids...	Cigar boxes.....	15	38	53	2	1891
Aug. 25	Grand Rapids Cigar Co.....	Grand Rapids...	Cigars.....	13	3	16	....	1894
July 7	Grand Rapids Clock & M. Co.....	Grand Rapids...	Clocks and mantles....	19	3	22	....	1894
June 30	Grand Rapids Cooperage Co.....	Grand Rapids...	Barrels.....	17	....	17	....	1878
May 29	Grand Rapids Creamery Co.....	Grand Rapids...	Dairy products.....	5	1	6	....	1907
Oct. 18	Grand Rapids Dental Supply Co.....	Grand Rapids...	Dental supplies.....	8	....	8	....	1890
Oct. 13	Grand Rapids Dowel Works.....	Grand Rapids...	Dowels.....	2	....	2	....	1888
Sept. 26	Grand Rapids Electric Co.....	Grand Rapids...	Electrical supplies.....	20	3	23	....	1892
Aug. 27	Grand Rapids Electrotype Co.....	Grand Rapids...	Electrotyping.....	18	1	19	....	1880
Aug. 15	Grand Rapids Fancy Furniture Co...	Grand Rapids...	Furniture.....	89	1	90	4	1892
July 2	Grand Rapids Felting Co.....	Grand Rapids...	Mattresses.....	2	1	3	....	1909
July 31	Grand Rapids Forging & Iron Co....	Grand Rapids...	Forgings.....	9	....	9	....	1913
July 31	Grand Rapids Foundry Co.....	Grand Rapids...	Castings.....	53	1	54	....	1893
Aug. 20	Grand Rapids Furniture Co.....	Grand Rapids...	Furniture.....	126	2	128	....	1906
July 22	Grand Rapids Gas Co.....	Grand Rapids...	Pipe.....	82	....	82	....	1870
July 22	Grand Rapids Gas Co.....	Grand Rapids...	Gas.....	160	....	160	....	1870
June 11	Grand Rapids Gas Engine Yacht Co..	Grand Rapids...	Machinery.....	78	1	79	....	1873
Sept. 29	Grand Rapids Glue Co., The.....	Grand Rapids...	Glue.....	7	....	7	....	1885
Sept. 23	Grand Rapids Grain & Milling Co....	Grand Rapids...	Grains, etc.....	9	....	9	....	1905
June 25	Grand Rapids Hardware Co.....	Grand Rapids...	Pulleys.....	98	53	151	2	1890
Oct. 3	Grand Rapids & Indiana Railway Co.	Grand Rapids...	Car repairing.....	558	....	558	....	1871
June 17	Grand Rapids Kolatona Co.....	Grand Rapids...	Soft drinks.....	4	....	4	....	1895
June 18	Grand Rapids Lumber Co.....	Grand Rapids...	Interior finish.....	110	5	115	....	1880
May 22	Grand Rapids Malleable Works.....	Grand Rapids...	Castings.....	299	52	351	1	1899
Aug. 8	Grand Rapids Monument Co.....	Grand Rapids...	Stone.....	9	....	9	....	1883
May 24	Grand Rapids Motor Truck Co.....	Grand Rapids...	Motor trucks.....	41	1	42	....	1912
Oct. 9	Grand Rapids-Muskegon Power Co...	Grand Rapids...	Electrical supplies.....	120	18	138	....	1894
Oct. 7	Grand Rapids News, The.....	Grand Rapids...	Printed matter.....	110	14	124	....	1839
Aug. 13	Grand Rapids Ornamental Iron & Wire Works.....	Grand Rapids...	Wire goods.....	6	....	6	1	1906
June 11	Grand Rapids Panel Co.....	Grand Rapids...	Graining appliances....	9	1	10	....	1882
July 28	Grand Rapids Paper Box Co.....	Grand Rapids...	Boxes.....	37	116	153	15	1854
Aug. 27	Grand Rapids Pearl Button Co.....	Grand Rapids...	Buttons.....	18	26	44	....	1911
July 16	Grand Rapids Piano Case Co., Ltd....	Grand Rapids...	Piano cases.....	105	....	105	3	1891
July 10	Grand Rapids Plaster Co.....	Grand Rapids...	Plaster.....	46	....	46	....	.....
July 10	Grand Rapids Plaster Co.....	Grand Rapids...	Plaster.....	24	....	24	....	.....
July 25	Grand Rapids Printing Co.....	Grand Rapids...	Job printing.....	8	....	8	2	1891
Aug. 4	Grand Rapids Rag & Metal Co.....	Grand Rapids...	Metal.....	9	5	14	....	1886
Sept. 20	Grand Rapids Railway Co.....	Grand Rapids...	Car repairing.....	56	....	56	....	1901
July 17	Grand Rapids Refrigerator Co.....	Grand Rapids...	Refrigerators.....	443	7	450	25	1890
Oct. 23	Grand Rapids Rug Co.....	Grand Rapids...	Rugs.....	2	1	3	....	1898

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KENT CO.—*Con.*							
July 25	Grand Rapids Screen Co	Grand Rapids	Screens	10	1	11	....	1906
Aug. 15	Grand Rapids Sheet Metal & Roofing Co	Grand Rapids	Fire escapes	8	....	8	....	1893
July 24	Grand Rapids Sheraton Furniture Co	Grand Rapids	Furniture	10	....	10	....	1913
Aug. 12	Grand Rapids Show Case Co	Grand Rapids	Store fixtures	556	22	578	23	1898
June 23	Grand Rapids Sticky Fly Paper Co	Grand Rapids	Fly paper	17	7	24	....	1905
July 29	Grand Rapids Supply Co	Grand Rapids	Mill supplies	17	5	22	....	1900
Sept. 19	Grand Rapids Textile Machinery Co	Grand Rapids	Machinery	9	1	10	....	1907
Sept. 10	Grand Rapids Tea Tray Co	Grand Rapids	Art goods	7	1	8	....	1908
Oct. 14	Grand Rapids Trunk Co	Grand Rapids	Trunks	4	1	5	1	1911
Sept. 15	Grand Rapids Underwear Co	Grand Rapids	Knit goods	5	26	31	1	1902
Aug. 20	Grand Rapids Upholstering Co	Grand Rapids	Furniture	63	3	66	1	1904
May 26	Grand Rapids Veneer Works	Grand Rapids	Veneers	212	3	215	1	1886
Sept. 17	Grand Rapids Vulcanizing Co	Grand Rapids	Tire repairing	5	1	6	....	1909
July 11	Grand Rapids Wood Finishing Co	Grand Rapids	Paints	12	1	13	....	1893
July 24	Granville Avenue Lumber Co	Grand Rapids	Lumber	6	....	6	....	1911
Sept. 29	Gravendyk, John	Grand Rapids	Upholstering	4	....	4	1	1912
May 27	Great Western Oil Co., The	Grand Rapids	Oils	14	1	15	....	1907
Oct. 1	Grebel, John C	Grand Rapids	Cigars	6	1	7	....	1887
July 25	Grinnell, Chas L	Grand Rapids	Heaters	8	....	8	....	.....
Oct. 6	Groskopf Bros	Grand Rapids	Trunks	10	1	11	....	1882
Sept. 29	Guarantee Machine Co	Grand Rapids	Machinery	4	....	4	....	1910
Sept. 26	Guarantee Vulcanizing Co	Grand Rapids	Tire repairing	5	....	5	....	1911
May 22	Gunn Furniture Co., The	Grand Rapids	Desks	299	11	310	6	1891
Oct. 9	G. R. Awning Co	Grand Rapids	Awnings	2	1	3	....	1911
Oct. 27	Haan, Wm. N	Grand Rapids	Auto repairing	2	....	2	....	1911
Aug. 4	Handy Press Co., Inc., The	Grand Rapids	Presses	9	2	11	....	1911
May 26	Haney School Furniture Co	Grand Rapids	Furniture	79	3	82	....	1882
Sept. 25	Hanford Lumber Co., The	Grand Rapids	Interior finish	4	....	4	....	1910
Oct. 20	Hammond, W. C	Grand Rapids	Wood turning	3	....	3	....	1906
Sept. 6	Hardware Supply Co	Grand Rapids	Hardware	36	4	40	....	1893
June 13	Harring, F. J. & Co	Grand Rapids	Castings	10	....	10	....	1907
Oct. 6	Harris-Keyes, Lyda	Grand Rapids	Gowns	.....	8	8	....	1901
July 9	Hartman, H. J. Foundry Co	Grand Rapids	Castings	42	1	43	....	1885
July 1	Hart Mirror Plate Co	Grand Rapids	Mirror plates	75	....	75	....	1900
June 28	Haven, R. H. & Son	Grand Rapids	Wire goods	7	1	8	....	1909
Sept. 26	Heather, Victor U	Grand Rapids	Sheet metal	3	1	4	....	1910
Sept. 19	Hegeman Machine Works	Grand Rapids	Machinery	2	....	2	....	1910
Sept. 20	Heinz, H. J. Co	Grand Rapids	Pickles	66	35	101	....	1901
July 30	Henderson Milling Co	Grand Rapids	Flour	6	2	8	....	1893
Oct. 1	Hensen, J. H	Grand Rapids	Upholstering	2	....	2	....	1913
Oct. 10	Hensler, Wm	Grand Rapids	Cigars	2	....	2	....	1880
Oct. 7	Herald, The	Grand Rapids	Printed matter	70	5	75	....	1868
Aug. 29	Herold-Bertsch Shoe Co	Grand Rapids	Shoes	74	36	110	1	1893
Oct. 20	Heth Brothers	Grand Rapids	Repairing	12	1	13	....	1895
Oct. 6	Heyman Co	Grand Rapids	Upholstering	5	1	6	....	1888
Oct. 9	Heystek & Canfield Co	Grand Rapids	Picture framing	3	....	3	....	1900
July 1	Hirth, A. & Co	Grand Rapids	Stone	7	....	7	....	1904
July 25	Hirth, Fred H	Grand Rapids	Stone	15	1	16	....	1873
Sept. 12	Hirth-Krause Co	Grand Rapids	Shoes	15	8	23	....	1883
Aug. 5	Hill Bakery	Grand Rapids	Baked goods	30	1	31	....	1900
July 2	Hill Electric Co	Grand Rapids	Electrical supplies	10	....	10	....	1909
July 21	Holcomb, A. L. & Co	Grand Rapids	Saws	7	....	7	....	1899
Sept. 27	Home Co-Operative Bakery	Grand Rapids	Baked goods	2	2	4	....	1911
Sept. 27	Hooper Bros	Grand Rapids	Blacksmithing	7	....	7	....	1887

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KENT CO.—*Con.*							
July 29	Hopson, W. C. Co	Grand Rapids	Sheet metal	21	2	23	....	1881
June 16	Hot-Blast Feather Co	Grand Rapids	Mattresses	36	9	45	....	1890
Aug. 6	Hyde, A. & Son	Grand Rapids	Grain, etc	8	1	9	....	1888
Aug. 19	Hydraulic Co	Grand Rapids	Water	7	1	8	....	1849
Aug. 29	Ideal Clothing Co., The	Grand Rapids	Custom clothing	16	79	95	....	1892
June 23	Ideal Foundry Co	Grand Rapids	Castings	20	....	20	....	1907
Aug. 26	Ideal Paper Box Co	Grand Rapids	Paper boxes	2	11	13	....	1908
June 22	Imperial Furniture Co	Grand Rapids	Furniture	294	4	298	2	1904
Sept. 17	Imperial Machinery Co	Grand Rapids	Machinery	7	1	8	....	1905
Aug. 26	Independent Engraving Co	Grand Rapids	Engraving	2	....	2	....	1913
June 16	Inner Shoe Tire Co	Grand Rapids	Auto tires	26	5	31	....	1910
May 23	Interchangeable Fixture Co	Grand Rapids	Fixtures	39	21	60	....	1910
Oct. 6	Jandorf, Charles S	Grand Rapids	Baked goods	27	18	45	....	1893
June 18	I. X. L. Upholstering & Mattress Co.	Grand Rapids	Mattresses	6	....	6	....	1906
Oct. 10	Jasilski, Paul	Grand Rapids	Baked goods	3	1	4	....	1909
Oct. 7	Jennings Mfg. Co	Grand Rapids	Extracts, etc	10	22	32	2	1892
July 9	Jesiek Boat Co	Grand Rapids	Boats	7	1	8	....	1904
Sept. 22	Johnson Furniture Co	Grand Rapids	Furniture	76	2	78	....	1908
Aug. 25	Johnson, G. J. Cigar Co	Grand Rapids	Cigars	25	329	354	3	1888
Oct. 1	Johnson, H. M. & Co	Grand Rapids	Sheet metal	3	....	3	....	1904
Oct. 6	Johns, Mrs. G. T	Grand Rapids	Hair goods	.....	8	8	1	1897
Nov. 4	Johnson's, J. B. Son	Grand Rapids	Job printing	9	1	10	....	1888
Oct. 11	Joyce, A. L	Grand Rapids	Soft drinks	6	1	7	....	1911
Oct. 1	Joyce, H. M. & Co	Grand Rapids	Shirts	1	8	9	....	1905
July 16	Keeler Brass Co	Grand Rapids	Brass trimmings	187	76	263	11	1900
Oct. 6	Keena, Geo. W. Printing Co	Grand Rapids	Job printing	3	....	3	....	1912
Sept. 5	Kelly Ice Cream Co., The	Grand Rapids	Ice cream	9	1	10	....	1903
Oct. 17	Kelly Job Shop	Grand Rapids	Woodworking	5	1	6	....	1909
Sept. 8	Kelly Shirt Co	Grand Rapids	Shirts	8	30	38	....	1889
July 8	Kent Storage Co	Grand Rapids	Storage	11	....	11	....	1900
Nov. 29	Kimmel-Rogers Millinery Co	Grand Rapids	Millinery	7	5	12	....	1913
July 24	Kindel Bed Co	Grand Rapids	Beds	127	11	138	3	1913
Aug. 26	Kinsey, E. L	Grand Rapids	Shirts	5	25	30	....	1880
Aug. 13	Klise Mfg. Co	Grand Rapids	Carvings	18	1	19	....	1913
May 26	Knape, John Machine Co	Grand Rapids	Fixtures	30	....	30	....	1902
Oct. 8	Knee Heating Co	Grand Rapids	Boilers, etc	15	....	15	....	1909
Aug. 21	Knickerbocker Press, The	Grand Rapids	Printed matter	4	....	4	....	1892
June 13	Kopf Wagon Co	Grand Rapids	Wagons	3	....	3	....	1911
July 26	Kroeize & Weeber	Grand Rapids	Sheet metal	6	....	6	....	1912
Oct. 9	Kugel Bros	Grand Rapids	Upholstering	6	....	6	....	1889
Aug. 21	Kuppenheimer Cigar Co	Grand Rapids	Cigars	25	7	32	....	1873
Oct. 23	Lang, Jos. B	Grand Rapids	Plumbing	6	....	6	....	1901
Oct. 6	La Vin, M. D	Grand Rapids	Gowns	.....	7	7	....	1910
July 1	Leader Engine Co	Grand Rapids	Engines	53	3	56	....	1895
Aug. 22	Leitelt, Adolph Iron Works	Grand Rapids	Machinery	101	3	104	....	1862
Sept. 30	Leonard, Geo. M. Co	Grand Rapids	Paste	10	1	11	....	1896
Aug. 18	Letellier, F. & Co	Grand Rapids	Interior finish	34	1	35	....	1866
Oct. 13	Lewis Electric Co	Grand Rapids	Electrical supplies	21	2	23	....	1906
Sept. 26	Lindberg, Charles	Grand Rapids	Repairing	3	....	3	....	1865
July 16	Lindner Interior Mfg. Co	Grand Rapids	Interior finish	50	....	50	....	1904
July 11	Litscher, C. J. Electric Co	Grand Rapids	Electrical supplies	9	3	12	....	1907
Sept. 10	Lowell Mfg. Co	Grand Rapids	Ladies' garments	5	39	44	....	1900
July 25	Lubetsky Bros	Grand Rapids	Cigars	4	85	89	....	1887
July 23	Luce Furniture Co	Grand Rapids	Furniture	392	3	395	....	1879
May 28	Luxury Chair Co	Grand Rapids	Chairs, etc	19	2	21	....	1907
Sept. 26	McGregors Steam Dye Works	Grand Rapids	Dyeing and cleaning	3	1	4	....	1880
Oct. 20	Macauley Bros	Grand Rapids	Heaters	12	....	12	....	1889
Aug. 11	Macey Co., The	Grand Rapids	Furniture	287	24	311	9	1890
Sept. 12	"Macey" Hook and Eye Co., The	Grand Rapids	Hooks and eyes	3	11	14	....	1894
Oct. 8	Mack, John	Grand Rapids	Sleighs	3	....	3	....	1893

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Factory Inspection.—Continued.

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	KENT CO.—*Con.*							
Oct. 20	Maclaren Co., The	Grand Rapids	Painting	3	....	3	....	1904
Oct. 20	Madison Square Garage	Grand Rapids	Auto repairing	2	....	2	....	1911
Oct. 3	Malloch Knitting Mills	Grand Rapids	Knit goods	3	7	10	....	1913
June 13	Manhattan Brass Co., The	Grand Rapids	Dies	6	....	6	....	1912
July 2	Marquette Lumber Co	Grand Rapids	Dressed lumber	11	....	11	....	1908
Aug. 7	Marquette Lumber Co	Grand Rapids	Lumber	40	2	42	....	1909
Aug 21	Martin & Wursburg	Grand Rapids	Printed matter	9	....	9	....	1882
Aug. 27	Matsdorf's Novelty Shop	Grand Rapids	Carvings	3	....	3	....	1909
Oct. 9	Mechanical Digest, The	Grand Rapids	Printed matter	4	1	5	....	1909
July 30	Metal Office Furniture Co	Grand Rapids	Furniture	48	....	48	....	1912
Oct. 18	Mets Garage	Grand Rapids	Auto repairing	3	....	3	....	1912
Sept. 19	Michael Motor Co., The	Grand Rapids	Auto repairing	6	....	6	....	1910
June 18	Michigan Auto Joint Co	Grand Rapids	Universal joints	4	....	4	....	1912
Aug. 27	Michigan Brush Co	Grand Rapids	Brushes	3	1	4	....	1892
May 23	Michigan Cabinet Co	Grand Rapids	Furniture	238	7	245	1	1881
July 24	Michigan Chair Co	Grand Rapids	Chairs	346	4	350	13	1883
Aug. 14	Michigan Desk Co	Grand Rapids	Desks	57	2	59	....	1907
Oct. 14	Michigan Engraving Co	Grand Rapids	Engraving	19	3	22	1	1894
Aug. 4	Michigan Fluff-Rug Works	Grand Rapids	Rugs	4	1	5	....	1908
Sept. 5	Michigan Garment Co	Grand Rapids	Overalls	3	6	9	....	1913
Sept. 23	Michigan Gypsum Co	Grand Rapids	Plaster products	46	2	48	....	1885
Aug. 5	Michigan Hearse & Carriage Co	Grand Rapids	Carriages	21	1	22	....	1903
Sept. 15	Michigan Lithographing Co	Grand Rapids	Lithographing	46	7	53	....	1901
June 14	Michigan Plating Co	Grand Rapids	Plating	5	1	6	....	1912
Oct. 18	Michigan State Telephone Co	Grand Rapids	Telephone service	63	157	220	....	1881
Aug. 2	Michigan Wheel Co	Grand Rapids	Boat fittings	34	3	37	....	1903
Oct. 20	Miller & Brown	Grand Rapids	Auto repairing	7	....	7	....	1912
Sept. 12	Miller Furnace Co	Grand Rapids	Furnaces	9	....	9	....	1873
Oct. 10	Misner, M	Grand Rapids	Cigars	2	1	3	....	1992
Oct. 20	Mitchell Motor Sales Co	Grand Rapids	Auto repairing	3	....	3	....	1911
May 27	Mol, Jacob	Grand Rapids	Junk, etc	4	....	4	....	1883
July 21	Monarch Machinery Mfg. Co	Grand Rapids	Machinery	7	1	8	....	1909
Sept. 9	Mooney Shirt Co	Grand Rapids	Shirts	3	6	9	....	1909
Nov. 29	Moor, Frans	Grand Rapids	Leather goods	3	....	3	1	1898
Oct. 18	Moran Motor Sales Co	Grand Rapids	Auto repairing	3	1	4	....	1909
June 24	Morrison, A	Grand Rapids	Junk	2	....	2	....	1908
Sept. 17	Moseley Bros	Grand Rapids	Beans, etc	5	44	49	....	1876
Aug. 19	Mueller & Slack Co	Grand Rapids	Furniture	43	3	46	....	1884
Oct. 14	Muldoon, J. B	Grand Rapids	Electrical supplies	4	1	5	....	1907
Aug. 18	Munson Co., The	Grand Rapids	Knives	5	1	6	....	1902
Sept. 20	Muste & Dykstra	Grand Rapids	Monuments	3	....	3	....	1894
Oct. 18	M. B. M. Shirt Co	Grand Rapids	Shirts	1	5	6	....	1910
Nov. 9	M. & T. Bakery	Grand Rapids	Baked goods	7	3	10	....	1912
June 30	Nachtegal Mfg. Co	Grand Rapids	Office fixtures	28	2	30	....	1904
Aug. 28	National Biscuit Co	Grand Rapids	Baked goods	113	79	192	....	1880
Aug. 6	National Brass Co	Grand Rapids	Brass goods	13	7	20	....	1911
Sept. 8	National Candy Co	Grand Rapids	Candy	76	86	162	5	1865
Oct. 14	National Dye House	Grand Rapids	Cleaning, etc	3	1	4	....	1900
Aug. 19	National Lock & Stamping Co	Grand Rapids	Locks, etc	14	3	17	5	1913
July 21	National Piano Mfg. Co	Grand Rapids	Pianos	18	2	20	....	1912
July 25	National Shoe Repairing Co	Grand Rapids	Shoe repairing	12	2	14	....	1907
Nov. 29	National Union Drug Association	Grand Rapids	Drugs	2	6	8	....	1912
Sept. 25	National Woodenware Co	Grand Rapids	Ironing tables	10	1	11	....	1904
July 24	Naylor Upholstering Co	Grand Rapids	Furniture	7	2	9	1	1911
Oct. 14	Nelson, Charles	Grand Rapids	Harness	3	....	3	....	1887

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KENT CO.—*Con.*							
Aug. 25	Nelson-Matter Furniture Co	Grand Rapids	Furniture	220	1	221	....	1894
July 2	Nichols-Clement Co	Grand Rapids	Knobs	2	....	2	....	1912
July 16	Nichols & Cox Lumber Co	Grand Rapids	Lumber	89	5	94	1	1904
July 26	Nicklin Print Shop	Grand Rapids	Printed matter	3	....	3	....	1907
Sept. 27	Noel, John S. Co	Grand Rapids	Lighting fixtures	6	2	8	....	1903
June 14	Nowaczyk Furniture Co	Grand Rapids	Furniture	2	....	2	....	1912
Nov. 29	Ohl, Frank	Grand Rapids	Cement blocks	6	....	6	....	1905
Aug. 11	"Oliver" Machinery Co	Grand Rapids	Machinery	100	6	106	5	1890
July 29	Onderdonk Printing Co., The	Grand Rapids	Job printing	11	2	13	....	1874
Oct. 20	Orsingers	Grand Rapids	Baked goods	2	1	3	....	1913
Nov. 4	Oswald-Hess Co	Grand Rapids	Auto repairing	3	....	3	....	1913
Oct. 13	Oswald Motor Car & Supply Co	Grand Rapids	Auto repairing	10	1	11	....	1911
Oct. 13	Overland Co., The	Grand Rapids	Auto repairing	12	2	14	....	1911
Oct. 18	Packard Motor Car Co	Grand Rapids	Auto repairing	3	1	4	....	1913
June 30	Paine, O. S. Co., Ltd	Grand Rapids	Furniture	54	4	58	....	1892
Sept. 19	Parish, D. R	Grand Rapids	Tanks	4	....	4	....	1893
Oct. 18	Parisian Dry Cleaning & Dye Works	Grand Rapids	Cleaning and dyeing	5	4	9	....	1903
Oct. 1	Patterson Printing Co	Grand Rapids	Job printing	4	....	4	....	1912
Aug. 6	Peck, E. W. & L. K	Grand Rapids	Valves	6	1	7	....	1910
June 20	Peckham, O. T	Grand Rapids	Bicycle grips	3	....	3	....	1903
Sept. 16	Peck-Johnson Co	Grand Rapids	Drugs	6	7	13	....	1903
Oct. 6	Peninsular Press, The	Grand Rapids	Job printing	3	....	3	....	1906
Sept. 11	Pere Marquette Railroad Co	Grand Rapids	Engine repairing	606	4	610	....	1904
Sept. 11	Pere Marquette Railroad Co	Grand Rapids	Car repairing	150	....	150	....	1904
Oct. 14	Peterlein, C. E	Grand Rapids	Bicycle grips	10	3	13	....	1895
June 23	Peterson Brewing Co	Grand Rapids	Beer	17	....	17	....	1894
June 23	Petersen Brewing Co	Grand Rapids	Beer	26	....	26	....	1900
Oct. 9	Phelps Auto Sales Co	Grand Rapids	Auto repairing	3	....	3	....	1913
Oct. 3	Phoenix Furniture Co	Grand Rapids	Furniture	317	5	322	5	1872
July 26	Phoenix Plating Works	Grand Rapids	Plating	11	1	12	....	1906
Oct. 14	Phoenix Sprinkler & Heating Co	Grand Rapids	Sprinklers	42	....	42	....	1905
Sept. 27	Pierce, B. T	Grand Rapids	Ice cream	6	....	6	....	1865
Oct. 13	Piper, Claude G	Grand Rapids	Ice cream	3	1	4	....	1908
Sept. 16	Pittsburgh Plate Glass Co	Grand Rapids	Glass, etc	13	1	14	....	1906
Sept. 17	Plank Flexible Shaft Machine Co	Grand Rapids	Shafting	4	....	4	....	1912
Oct. 6	Platte, J. P	Grand Rapids	Umbrellas, etc	4	4	8	....	1876
Oct. 20	Pomeroy & Wright	Grand Rapids	Machinery repairing	3	....	3	....	1913
Aug. 4	Ponce De Leon Co	Grand Rapids	Water	7	....	7	....	1893
June 10	Porter, C. O. Machinery Co	Grand Rapids	Machinery	24	2	26	....	1881
Aug. 5	Powell Brass Mfg. Co	Grand Rapids	Curtain fixtures	11	1	12	....	1902
Nov. 29	Powell Co., The	Grand Rapids	Book binding	1	2	3	....	1913
June 19	Powers, Henry	Grand Rapids	Ice cream	4	....	4	....	1908
Aug. 26	Powers-Tyson Printing Co	Grand Rapids	Printed matter	16	2	18	1	1898
June 16	Powers & Walker Casket Co	Grand Rapids	Caskets, etc	29	12	41	....	1885
Aug. 4	Proudfit Loose Leaf Co	Grand Rapids	Job printing	40	19	59	....	1908
Sept. 16	Pulte Plumbing & Heating Co	Grand Rapids	Furnaces	20	....	20	....	1879
July 28	Raab, John D. Chair Co	Grand Rapids	Chairs	112	4	116	1	1905
Oct. 14	Rambler Auto Sales Co	Grand Rapids	Auto repairing	8	1	9	....	1911
Aug. 26	Raniville, F. Co	Grand Rapids	Belts	32	3	35	....	1873
Nov. 1	Rason & Down	Grand Rapids	Furs	7	8	15	....	1909
July 24	Rathbone Fireplace Mfg. Co	Grand Rapids	Fixtures	36	2	38	....	1908
June 14	Rearwin, W. D	Grand Rapids	Dies, etc	2	....	2	....	1911
Sept. 30	Reed-Blickley Auto Co	Grand Rapids	Auto repairing	10	....	10	....	1913
Sept. 15	Reed-Tandler Co., The	Grand Rapids	Engravings	27	6	33	....	1902
Oct. 8	Reeves Printing Co., The	Grand Rapids	Job printing	5	....	5	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KENT CO.—*Con.*							
Aug. 14	Reinisch, H. Pipe Organ Co., The	Grand Rapids	Pipe organs	8	....	8	....	1908
June 11	Rempis & Gallmeyer Foundry Co	Grand Rapids	Castings	29	....	29	....	1887
July 23	Retting Furniture Co	Grand Rapids	Furniture	54	2	56	....	1894
July 26	Rex Mfg. Co	Grand Rapids	Furniture	6	....	6	....	1910
July 22	Reynolds, H. M. Asphalt Shingle Co	Grand Rapids	Shingles	49	3	52	2	1868
Aug. 5	Rhodes Mfg. Co	Grand Rapids	Furnaces	10	1	11	....	1892
June 17	Richards, Glendon A. Co	Grand Rapids	Galvanizing	20	1	21	....	1907
June 19	Richards Plumbing & Heating Co	Grand Rapids	Plumbing	17	1	18	....	1900
June 13	Richards-Wilson Pipe Covering Co	Grand Rapids	Pipe coverings	3	1	4	....	1910
Sept. 10	Rindge, Kalmbach, Logie & Co	Grand Rapids	Shoes	94	37	131	....	1864
Oct. 17	Robinson, C. B. & Sons	Grand Rapids	Photo supplies	3	....	3	....	1906
Aug. 6	Radimaker, H. & Sons	Grand Rapids	Croquet sets	23	1	24	....	1873
Aug. 21	Rodenhouse, N. L	Grand Rapids	Book binding	2	2	4	....	1912
June 30	Roden Leather Co	Grand Rapids	Leather	82	1	83	....	1903
July 25	Rogers Piano Co	Grand Rapids	Pianos	3	....	3	....	1900
Sept. 16	Roseberry-Henry Electric Co	Grand Rapids	Electrical supplies	21	2	23	....	1908
Sept. 19	Rose Label Machine Co., The	Grand Rapids	Machinery	25	1	26	....	1910
Sept. 29	Rosendall & Co	Grand Rapids	Feed	4	....	4	....	1908
Oct. 8	Rose, William	Grand Rapids	Cleaning and dyeing	2	1	3	....	1909
Aug. 20	Rowles, E. W. A	Grand Rapids	Blackboards	5	....	5	....	1913
Aug. 28	Rowlson Printing Co	Grand Rapids	Job printing	4	....	4	....	1902
Aug. 21	Royal Furniture Co	Grand Rapids	Furniture	208	3	211	2	1885
Sept. 15	Rudell Creamery	Grand Rapids	Dairy products	7	1	8	....	1880
Oct. 1	Russo, G. B	Grand Rapids	Macaroni	5	....	5	....	1910
Sept. 10	Ryan Rattan Chair Co,	Grand Rapids	Furniture	6	....	6	....	1893
Aug. 27	Sanitary Knitting Co	Grand Rapids	Knit goods	6	47	53	....	1909
July 8	Sanitary Milk Co	Grand Rapids	Dairy products	24	2	26	....	1903
Oct. 10	Sargent-Vanden Berge	Grand Rapids	Baskets	8	....	8	....	1913
Sept. 12	Schaaf, A. Co	Grand Rapids	Repairing	4	....	4	....	1907
Oct. 14	Scheufler, C. A	Grand Rapids	Plumbing	5	....	5	....	1885
Aug. 25	Scheufler, Chas	Grand Rapids	Cigars	3	1	4	....	1902
June 10	Schmidt, Chas. & Bros	Grand Rapids	Monuments	13	....	13	....	1870
July 25	Schneider, H. Co	Grand Rapids	Cigars	19	5	24	....	1855
Oct. 10	Schlitz Brewing Co	Grand Rapids	Beer	6	....	6	....	1890
May 22	Schuiling, M. J. Co	Grand Rapids	Tinware	3	5	8	....	1907
Aug. 26	Schuil Printing Co	Grand Rapids	Printed matter	16	9	25	....	1897
Oct. 23	Schultze, Madam A	Grand Rapids	Millinery	.....	11	11	1	1883
June 14	Scofield, Geo. E	Grand Rapids	Auto tops	2	....	2	....	1910
July 18	Security Storage & Transfer Co	Grand Rapids	Storage	16	1	17	....	1897
Sept. 9	Seymour, Geo. H. Co	Grand Rapids	Cigars	5	17	22	....	1891
Aug. 26	Seymour & Muir Printing Co	Grand Rapids	Job printing	17	6	23	....	1884
Oct. 18	Shank Chandelier Shop	Grand Rapids	Fixtures, etc	6	1	7	....	1912
Sept. 10	Sherwood-Hall Co., Ltd	Grand Rapids	Harness	9	3	12	....	1868
Aug. 29	Siegel, Robert	Grand Rapids	Brass	4	1	5	....	1905
Oct. 9	Simon, S. & Sons	Grand Rapids	Junk	5	1	6	....	1893
Oct. 2	Sligh Furniture Co	Grand Rapids	Furniture	430	7	437	....	1880
May 27	Slooter Bros	Grand Rapids	Brooms	4	1	5	....	1882
Sept. 30	Smith, Geo. S	Grand Rapids	Interior finish	27	....	27	....	1893
Oct. 18	Smith, John H. & Co	Grand Rapids	Engraving	2	1	3	....	1913
Oct. 13	Smith, S. H. Iron & Metal Co	Grand Rapids	Junk	9	7	16	....	1912
Aug. 29	Smith, Truman M. Co	Grand Rapids	Machinery	8	1	9	....	1904
Aug. 13	Snyder Furniture Co	Grand Rapids	Furniture	87	....	87	3	1875
June 17	Sokup, F. J	Grand Rapids	Roofing	9	1	10	....	1873
Oct. 10	Sonneveldt Bros	Grand Rapids	Baked goods	8	1	9	....	1907
Aug. 6	Spears, C. A	Grand Rapids	Lumber, etc	20	3	23	....	1898
Sept. 18	Sproul-McGurrin Co	Grand Rapids	Plumbing supplies	14	1	15	....	1876
July 1	Stalter Edge Tool Co	Grand Rapids	Tools	3	1	4	....	1904
June 25	Standard Brass Foundry Co	Grand Rapids	Castings	4	....	4	....	1911
July 8	Standard Oil Co	Grand Rapids	Oils, etc	41	4	45	....	1887
June 10	Stanley, Marietta Co	Grand Rapids	Toilet articles	12	37	49	....	1886

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KENT CO.—*Con.*							
Sept. 5	Standard Mfg. Co.	Grand Rapids	Garments	2	134	136	....	1903
Oct. 13	Standard Tire Repair Co.	Grand Rapids	Tire repairing	3	....	3	....	1912
Aug. 26	Stanton Printing Co.	Grand Rapids	Job printing	12	....	12	....	1883
Nov. 29	Stark, George	Grand Rapids	Custom clothing	15	3	18	....	1895
Dec. 31	Star Knitting Works	Grand Rapids	Knit goods	3	7	10	....	1882
July 30	Steel Furniture Co.	Grand Rapids	Metal furniture	42	4	46	....	1907
May 26	Steel Furniture Co.	Grand Rapids	Chairs	23	3	26	....	1907
Aug. 18	Steil, A.	Grand Rapids	Wood turning	5	....	5	....	1910
May 27	Sterken, M. L. Cigar Co.	Grand Rapids	Cigars	2	2	4	1	1906
Sept. 17	Sterling Desk Co.	Grand Rapids	Desks	30	....	30	....	1908
July 23	Stickley Bros. Co.	Grand Rapids	Furniture	206	25	231	2	1883
Aug. 5	Stiles Bros. Co.	Grand Rapids	Lumber, etc.	43	....	43	....	1895
Oct. 1	Stiles Bros. Co.	Grand Rapids	Lumber	16	....	16	....	1880
Sept. 30	Stout Cigar Co.	Grand Rapids	Cigars	3	1	4	....	1907
July 1	Stow & Davis Furniture Co.	Grand Rapids	Furniture	46	3	49	....	1889
Oct. 14	Stratton-Woodcock Auto Co.	Grand Rapids	Auto repairing	5	1	6	....	1908
Oct. 6	Sullivan Safety Hitch Co.	Grand Rapids	Hitching devices	3	....	3	....	1913
Oct. 3	Sun Co.	Grand Rapids	Oils	6	....	6	....	1912
June 16	Swiss American Knitting Mills	Grand Rapids	Knit goods	7	51	58	....	1906
June 13	Tannewits Works, The	Grand Rapids	Machinery	31	1	32	1	1892
July 9	Taylor Printing & Publishing Co.	Grand Rapids	Job printing	8	....	8	1	1912
June 3	Tazelaar, Jos. Glove Mfg. Co.	Grand Rapids	Gloves	3	10	13	....	1908
Aug. 15	Terrell's Equipment Co.	Grand Rapids	Metal lockers	47	3	50	....	1907
Oct. 13	Thiele, Max P. & Co.	Grand Rapids	Photographs	3	....	3	....	1895
Sept. 17	Thomas Canning Co.	Grand Rapids	Canned goods	70	129	199	....	1897
July 9	Thum, O. & W. Co., The	Grand Rapids	Fly paper	169	143	312	3	1886
Oct. 14	Timmer's Garage	Grand Rapids	Auto repairing	2	....	2	....	1912
Aug. 29	Tisch-Hine Co., The	Grand Rapids	Job printing	22	7	29	....	1908
July 26	Toren, H. A. Printing Co.	Grand Rapids	Job printing	7	1	8	....	1893
Sept. 10	Tradesman Co.	Grand Rapids	Job printing	30	13	43	....	1883
Aug. 28	Triplex Mfg. Co.	Grand Rapids	Hardware	5	1	6	....	1913
Oct. 9	Toledo Plate & Window Glass Co., The	Grand Rapids	Glass, etc.	10	2	21	....	1907
Sept. 30	Tucker Bindery	Grand Rapids	Book binding	2	4	6	....	1890
July 10	United Gypsum Co.	Grand Rapids	Plaster	31	1	32	....	1901
July 10	United States Gypsum Co.	Grand Rapids	Plaster board	21	....	21	....	1894
Sept. 12	United States Laundry	Grand Rapids	Laundry	7	29	36	....	1911
July 29	United Weekly Press Association, The	Grand Rapids	Job printing	6	3	9	....	1912
Oct. 10	Universal Washer Co.	Grand Rapids	Washing machines	2	....	2	....	1902
Oct. 7	Unseld & Stumpfig	Grand Rapids	Linotype compositions.	5	....	5	....	1910
May 27	U. S. Rusk & Biscuit Co.	Grand Rapids	Baked goods	12	9	21	....	1883
Sept. 19	Valley City Bakery	Grand Rapids	Baked goods	9	1	10	....	1893
July 17	Valley City Biscuit Co.	Grand Rapids	Baked goods	16	20	36	7	1901
May 24	Valley City Chair Co.	Grand Rapids	Chairs	89	12	101	2	1906
July 22	Valley City Desk Co.	Grand Rapids	Desks	114	2	116	4	1888
July 9	Valley City Machine Works	Grand Rapids	Machinery	39	1	40	....	1896
Sept. 23	Valley City Milling Co.	Grand Rapids	Flour and feed	16	....	16	....	1884
Sept. 25	Valley City Milling Co.	Grand Rapids	Feed, etc.	3	....	3	....	1884
Sept. 25	Valley City Milling Co.	Grand Rapids	Flour, etc.	39	7	46	....	1884
Aug. 29	Valley City Plating Co.	Grand Rapids	Plating	14	....	14	....	1897
Oct. 20	Valley City Rusk Co.	Grand Rapids	Baked goods	3	....	3	....	1912
Aug. 19	Valley City Vacuum Carpet Cleaning Co.	Grand Rapids	Rugs	4	3	7	....	1893
Sept. 15	Van Den Berge Cigar Co., The	Grand Rapids	Cigars	14	11	25	....	1892
Aug. 14	Vander Broek & Oosterhouse	Grand Rapids	Stone	4	....	4	....	1913
Sept. 18	Vandecar, W. D.	Grand Rapids	Auto repairing	9	1	10	....	1905
Aug. 28	Vander Stel's Repair Shop	Grand Rapids	Repairing	3	....	3	....	1896

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Factory Inspection.—Continued.

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	KENT CO.—*Con.*							
Oct. 1	VanDort, A	Grand Rapids	Job printing	2	2	4	....	1888
May 23	Van Duren, J. & Co	Grand Rapids	Brooms	5	2	7	....	1893
Aug. 15	Van Rossum Bros	Grand Rapids	Plumbing	6	....	6	....	1897
Oct. 6	Van Vliet Bros	Grand Rapids	Custom clothing	3	2	5	....	1898
Sept. 24	Van Wiltenburg, J. & Son	Grand Rapids	Interior finish	30	2	32	....	1902
Aug. 2	Veit Mfg. Co	Grand Rapids	Bank fixtures	25	1	26	....	1907
May 29	Veltman Biscuit Co	Grand Rapids	Baked goods	2	1	3	....	1884
May 28	Verhey-Noorthoek Lumber Co	Grand Rapids	Dressed lumber	12	....	12	....	1910
Sept. 18	Ver Wys & Co	Grand Rapids	Auto repairing	3	....	3	....	1913
July 26	Vis Mfg. Co	Grand Rapids	Machinery	3	....	3	....	1913
Sept. 23	Voigt Milling Co	Grand Rapids	Flour, etc	33	3	36	....	1880
Sept. 23	Voigt Milling Co	Grand Rapids	Flour	24	....	24	....	1875
Aug. 11	Waddell Mfg. Co	Grand Rapids	Carvings, etc	90	....	90	2	1880
July 11	Wagemaker Co	Grand Rapids	Filing devices	35	3	38	....	1899
July 3	Wallin Leather Co	Grand Rapids	Leather	64	1	65	....	1892
July 3	Wallin Leather Co	Grand Rapids	Leather	47	....	47	....	1890
July 3	Wallin Leather Co	Grand Rapids	Leather	101	1	102	....	1892
July 3	Wallin Leather Co	Grand Rapids	Extracts	6	....	6	....	1906
May 29	Watson-Higgins Co	Grand Rapids	Flour, etc	15	3	18	....	1885
Oct. 8	Wealthy Heights Garage	Grand Rapids	Auto repairing	5	1	6	....	1908
Sept. 16	Weatherly, Charles S	Grand Rapids	Furnaces	15	....	15	....	1905
Aug. 29	Weatherly Co., The	Grand Rapids	Furnaces	23	2	25	....	1893
Oct. 23	Wegusen's	Grand Rapids	Gowns	4	7	11	....	1902
Aug. 28	Weiner Cap Co., The	Grand Rapids	Caps	4	6	10	....	1909
Aug. 11	Western Michigan Transfer & Storage Co	Grand Rapids	Storage	7	....	7	....	1908
July 22	West Michigan Ice Cream Co	Grand Rapids	Ice cream	5	1	6	....	1907
July 11	West Side Ice Cream Co	Grand Rapids	Ice cream	5	1	6	....	1909
June 12	West Side Iron Works	Grand Rapids	Machinery	6	1	7	....	1895
Sept. 18	West Michigan Machine & Tool Co., Ltd	Grand Rapids	Machinery	14	....	14	....	1903
Sept. 18	West Michigan Printing Co	Grand Rapids	Job printing	10	....	10	....	1888
Oct. 4	White Printing Co	Grand Rapids	Job printing	24	9	33	2	1894
June 12	Widdicomb Furniture Co., The	Grand Rapids	Furniture	342	5	347	....	1865
May 29	Widdicomb, John Co	Grand Rapids	Furniture	274	5	279	1	1897
Oct. 8	Willey, Robert Auto Co	Grand Rapids	Auto repairing	5	1	6	....	1912
Aug. 26	Williams Glove & Gauntlet Co	Grand Rapids	Gloves	13	13	26	....	1912
Aug. 7	Wilmarth & Morman Co	Grand Rapids	Machinery	53	3	56	....	1900
Aug. 8	Wilmarth Show Case Co	Grand Rapids	Store fixtures	235	8	243	9	1889
Sept. 6	Winters & Stryker	Grand Rapids	Machinery	21	1	22	....	1909
Oct. 11	Wis-Kem Cabinet Co	Grand Rapids	Cabinets	3	....	3	....	1909
Aug. 20	Wolverine Brass Works	Grand Rapids	Plumbing supplies	302	36	338	1	1894
Nov. 29	Wolverine Optical Co	Grand Rapids	Optical supplies	7	1	8	....	1909
Aug. 29	Wolverine Pattern & Model Works	Grand Rapids	Patterns	4	....	4	....	1909
June 17	Wolverine Spice Co	Grand Rapids	Spices	5	4	9	....	1871
Aug. 14	Wonnink, E. Wood Turning Co., The	Grand Rapids	Wood turnings	7	....	7	....	1900
June 10	Wood, E. O. Cigar Co	Grand Rapids	Cigars	9	2	11	....	1912
July 2	Worfel, Chas. J	Grand Rapids	Cigars	2	1	3	....	1879
Sept. 19	Wormest Stove Co	Grand Rapids	Stoves	3	1	4	....	1898
Sept. 8	Wright Corset Co	Grand Rapids	Corsets	2	16	18	....	1912
June 18	Wright Machine Co	Grand Rapids	Machinery	4	1	5	....	1910
June 18	Wright Machine Co	Grand Rapids	Machinery	4	1	5	....	1910
Sept. 8	Wykes & Co	Grand Rapids	Flour, etc	5	2	7	....	1883
Aug. 13	York, J. W. & Sons	Grand Rapids	Band instruments	108	19	127	....	1882
Aug. 22	Zagelmeier Bros	Grand Rapids	Laundry	5	12	17	2	1913
Sept. 13	Zainca Bros	Grand Rapids	Brass goods	4	....	4	....	1900
Aug. 29	Zimmer Bros. Engraving Co	Grand Rapids	Engraving	5	3	8	....	1909

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Factory Inspection.—Continued.

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	KENT CO.—*Con.*							
Oct. 18	Zwingeberg	Grand Rapids	Furs	5	13	18	....	1890
Oct. 16	Grand Rapids Plaster Co	Granville	Plaster	36	....	36	....	1910
Oct. 16	Granville Elevator Co	Granville	Flour, etc	4	....	4	....	1908
Oct. 16	Granville Star, The	Granville	Printed matter	2	....	2	....	1912
Oct. 16	Spears, C. A. & Son	Granville	Lumber	3	1	4	....	1910
Oct. 22	Barrett, George W	Kent City	Auto repairing	3	1	4	....	1912
Oct. 22	Brott, H. A. Lumber Co	Kent City	Lumber	5	....	5	....	1898
Oct. 22	Denney & Co	Kent City	Apples	7	....	7	....	1913
Oct. 22	Heins, H. J	Kent City	Pickles	2	....	2	....	1909
Oct. 22	Kent City Cheese Co	Kent City	Cheese	3	....	3	....	1910
Oct. 22	Kent City News	Kent City	Printed matter	2	....	2	....	1895
Oct 22	Kent City Roller Mills	Kent City	Flour	2	....	2	....	1886
Oct. 22	Putney, W. W	Kent City	Barrels	3	....	3	....	1912
Oct. 22	Roach, W. R. & Co	Kent City	Canned goods	39	41	80	....	1902
Oct. 5	Fallas, Edwin	Lowell	Canned goods	24	26	50	....	1906
Oct. 15	Strong, Herman	Lowell	Baked goods	3	2	5	....	1897
Oct. 15	Jakeway, C. E	Lowell	Beans	3	16	19	....	1912
Oct. 15	Kellogg, John	Lowell	Cider	8	6	14	....	1896
Oct. 15	King Milling Co., The	Lowell	Barrels	7	....	7	....	1902
Oct. 15	King Milling Co., The	Lowell	Feed, etc	4	....	4	....	1897
Oct. 15	King Milling Co., The	Lowell	Flour, etc	12	....	12	....	1888
Oct. 15	Lowell Cutter Co	Lowell	Cutters	89	1	90	....	1906
Nov. 7	Lowell Garage, The	Lowell	Auto repairing	3	....	3	....	1910
Oct. 15	Lowell Granite & Marble Works, The.	Lowell	Monuments	4	....	4	....	1893
Oct. 15	Lowell Journal, The	Lowell	Printed matter	1	1	2	....	1866
Oct. 15	Lowell Ledger, The	Lowell	Printed matter	3	3	6	....	1893
Oct. 15	Lowell Specialty Co	Lowell	Sprayers	30	2	32	....	1900
Oct. 15	Michigan Bent Rim & Basket Mfg. Co	Lowell	Baskets	14	....	14	....	1910
Oct. 15	Roth, John C	Lowell	Repairing	2	....	2	....	1883
Nov. 7	Thomas, L. P. & Co	Lowell	Grain	2	1	3	....	1904
Oct. 15	Winegar Mfg. Co	Lowell	Wood specialties	3	....	3	....	1911
Oct. 30	Aumond Stump Machine Co	Rockford	Machinery	2	....	2	....	1905
Oct. 29	Bellows, D	Rockford	Beans	2	8	10	....	1905
Oct. 29	Dockeray Bros	Rockford	Beans	5	7	12	....	1894
Oct. 29	Hirth-Krause Co	Rockford	Shoes	74	38	112	....	1883
Oct. 29	Hirth-Krause Co	Rockford	Leather	26	....	26	1	1909
Oct. 29	Hyde, W. H	Rockford	Grain, etc	3	....	3	....	1878
Oct. 29	Porter, Chauncey	Rockford	Flour, etc	2	....	2	....	1903
Oct. 29	Rockford Laundry	Rockford	Laundry	4	4	8	....	1897
Oct. 29	Rockford Register, The	Rockford	Printed matter	2	1	3	....	1871
Oct. 29	Rouge River Electric Light & Power Co	Rockford	Electricity	2	....	2	....	1903
Oct. 29	Squires & Co	Rockford	Grain, etc	6	20	26	....	1890
Oct. 29	Tower & Tuttle	Rockford	Interior finish	3	....	3	....	1912
Oct. 30	Goul & Son	Sand Lake	Grain, etc	3	8	11	....	1893
Oct. 30	Sand Lake Creamery	Sand Lake	Dairy products	3	....	3	....	1908
Oct. 30	Sand Lake Garage	Sand Lake	Auto repairing	2	....	2	....	1913
Oct. 30	Tuttle, F. W	Sand Lake	Blacksmithing	2	....	2	....	1908
Oct. 21	Amidon Bros	Sparta	Grain, etc	3	3	6	....	1912
Oct. 21	Averill, E. M	Sparta	Lumber	3	....	3	....	1908
Oct. 21	Heins, H. J	Sparta	Pickles	2	2	4	....	1908
Oct. 21	Holm's Machine Mfg. Co	Sparta	Gas engines	306	4	310	....	1909
Oct. 21	Sentinel-Leader Publishing Co	Sparta	Printed matter	2	2	4	....	1876
Oct. 21	Sparta Clay Works	Sparta	Tile, etc	13	....	13	....	1911
Oct. 21	Sparta Creamery	Sparta	Dairy products	2	....	2	....	1911
Oct. 21	Sparta Lumber Co	Sparta	Lumber	3	....	3	....	1911
Oct. 21	Welch Mfg. Co., Inc., The	Sparta	Show cases	137	1	138	....	1885
Oct. 21	Whalen Grain & Produce Co	Sparta	Grain, etc	3	....	3	....	1913

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	KEWEENAW COUNTY.							
Dec. 20	Ahmeek Mining Co	Ahmeek	Copper	655	....	655	....	1902
Dec. 23	Wolverine Copper Mining Co	Gay	Copper	45	....	45	....	1890
Dec. 19	Wolverine Copper Mining Co	Gay	Copper	45	....	45	....	1890
Dec. 20	Floey Bros. & Co	Mohawk	Meats	10	....	10	....	1902
Dec. 20	Keweenaw Bottling Works	Mohawk	Soft drinks	3	....	3	....	1912
Dec. 20	Mohawk Mining Co	Mohawk	Copper	811	....	811	....	1898
	LAKE COUNTY.							
July 22	Baldwin Power Co	Baldwin	Electricity	2	...	2	....	1904
July 22	Cushion & Fisher	Baldwin	Lumber and shingles	6	....	6	....	1908
July 22	Lake County Star, The	Baldwin	Printed matter	1	1	2	....	1874
July 26	Johnson, George H	Luther	Woodworking	2	....	2	....	1883
July 25	Luther Printing Co	Luther	Printed matter	3	1	4	....	1890
July 25	McBride, Frank	Luther	Blacksmithing	1	1	2	....	1913
July 21	Lacy, Mrs. Eunice	Nirvana	Lumber	1	3	4	....	1901
	LAPEER COUNTY.							
Sept. 2	Almont Herald	Almont	Printed matter	1	2	3	....	1889
Sept. 2	Almont Mfg. Co	Almont	Farm implements	5	....	5	....	1890
Sept. 2	Almont Roller Mills	Almont	Flour and feed	5	....	5	....	1887
Sept. 2	Bishop, Frank	Almont	Farm produce	3	....	3	....	1904
Sept. 3	Cartwright, J. T. Co	Clifford	Cheese	3	....	3	....	1884
Sept. 3	Clifford Elevator Co	Clifford	Grain	2	....	2	....	1906
Aug. 22	Home News	Columbiaville	Printed matter	2	....	2	....	1890
Aug. 22	Osborne, R. C	Columbiaville	Repairing	2	....	2	....	1905
Aug. 22	Peter, William, Estate of	Columbiaville	Flour and feed	3	4	7	....	1884
Sept. 2	Dryden Elevator	Dryden	Farm products	4	1	5	....	1902
Sept. 2	Farmer Elevator Co	Dryden	Farm produce	3	1	4	....	1891
Sept. 2	Hadley Cooperative Creamery	Hadley	Dairy products	2	....	2	....	1908
Sept. 2	Hadley Roller Mills	Hadley	Flour and feed	2	....	2	....	1896
Aug. 20	Hibbard, C. S	Imlay City	Auto supplies	3	....	3	....	1911
Aug. 20	Imlay City Creamery	Imlay City	Dairy products	3	....	3	....	1903
Aug. 20	Imlay City Electric Light Co	Imlay City	Electricity	4	....	4	....	1897
Aug. 20	Imlay City Record, The	Imlay City	Printed matter	4	....	4	....	1883
Aug. 20	Imlay City Water Works	Imlay City	Water	5	....	5	....	1890
Aug. 20	Marshall Bros. Co	Imlay City	Flour and feed	8	1	9	....	1877
Aug. 20	Powell, A. E	Imlay City	Machinery	8	....	8	....	1907
Aug. 20	Thatcher, John & Son	Imlay City	Monuments	2	....	2	....	1904
Aug. 20	Times Publishing Co., The	Imlay City	Printed matter	3	1	4	....	1888
Aug. 20	Walker, Walter & Son	Imlay City	Grain and produce	5	....	5	....	1873
Aug. 18	Bostick Stove Co., The	Lapeer	Stoves and ranges	31	1	32	....	1876
Aug. 19	Clarion Publishing Co	Lapeer	Printed matter	8	1	9	....	1855
Aug. 19	England, C	Lapeer	Harness	7	....	7	....	1902
Aug. 19	Hungerford, J. A. & Son	Lapeer	Carriages	3	....	3	....	1880
Aug. 19	Lapeer City Garage	Lapeer	Auto repairing	4	....	4	....	1909
Aug. 18	Lapeer County Creamery	Lapeer	Dairy products	5	1	6	....	1907
Aug. 19	Lapeer County Press, The	Lapeer	Printed matter	6	1	7	....	1840
Aug. 19	Lapeer Gas-Electric Co	Lapeer	Electricity and gas	4	....	4	....	1907
Aug. 18	Lapeer Grain Co	Lapeer	Farm produce	6	13	19	....	1901
Aug. 19	Lapeer Mercantile Co	Lapeer	Provisions	10	1	11	....	1868
Aug. 19	Lapeer Steam Laundry	Lapeer	Laundry	2	6	8	....	1898
Aug. 18	Lapeer Water Works	Lapeer	Water	5	....	5	....	1883
Sept. 3	McDonald, Wm. & Sons	Lapeer	Machine repairing	4	....	4	....	1900
Sept. 3	Marks, Chas	Lapeer	Cigars	1	....	1	....	1878
Aug. 19	Reliance Garage	Lapeer	Auto repairing	5	....	5	....	1912
Sept. 3	San Zeno Cigar Co	Lapeer	Cigars	1	....	1	....	1909
Aug. 11	Schletel, F. J	Lapeer	Harness	3	....	3	....	1895

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	LAPEER CO.—*Con.*							
Sept. 3	Schlegel, F. J.	Lapeer	Electricity	3	....	3	....	1908
Aug. 19	Security Gate Co.	Lapeer	Gates	8	1	9	....	1909
Aug. 18	Turnbull Elevator Co.	Lapeer	Produce	3	16	19	....	1911
Sept. 3	Tuttle, B. A.	Lapeer	Lumber	6	....	6	....	1901
Aug. 21	Lum Creamery	Lum	Dairy products	2	....	2	....	1907
Aug. 21	Lum Produce Co.	Lum	Farm produce	4	....	4	....	1900
Sept. 2	Jossman, Allen & Co., Ltd.	Metamora	Farm produce	3	....	3	....	1907
Sept. 2	Metamora Butter Co.	Metamora	Dairy products	3	....	3	....	1906
Aug. 21	Electric Light Works	North Branch	Electricity	2	....	2	....	1907
Aug. 21	Harper Elevator Co.	North Branch	Produce	4	1	5	....	1882
Aug. 21	Home Laundry	North Branch	Laundry	3	1	4	....	1902
Aug. 21	McLaughlin Bros.	North Branch	Feed	3	....	3	....	1904
Aug. 21	North Branch Gazette	North Branch	Job printing	3	1	4	....	1889
Aug. 21	North Branch Grain Co.	North Branch	Farm produce	3	....	3	....	1906
Aug. 21	Peoples' Creamery	North Branch	Dairy products	3	1	4	....	1911
Aug. 21	Star Roller Mills	North Branch	Flour and feed	2	....	2	....	1890
Sept. 3	Sherman Cigar Co.	Otter Lake	Cigars	1	1	2	....	1901
Sept. 3	Stockbridge Elevator	Otter Lake	Farm products	3	....	3	....	1902
	LEELANAU COUNTY.							
Sept. 11	Culver, M. A. & Son	Cedar City	Lumber, staves, etc.	47	....	47	....	1910
Sept. 10	Empire Journal	Empire	Printed matter	2	....	2	....	1900
Sept. 10	Empire Lumber Co.	Empire	Lumber	89	....	89	....	1886
Sept. 10	Noreonk, Elonzo	Empire	Lumber and feed	3	....	3	....	1895
Sept. 10	Fisher, Frank & Son	Glen Arbor	Lumber	6	....	6	....	1908
Sept. 10	Day, D. H.	Glen Haven	Lumber	29	....	29	....	1878
Sept. 9	Leelanau Enterprise	Leland	Printed matter	5	....	5	....	1878
Sept. 9	Leland Light & Power Co.	Leland	Electricity	3	....	3	....	1908
Sept. 11	Bellinger, A. E.	Maple City	Lumber	16	....	16	....	1885
Sept. 11	Drake, L. L.	Maple City	Dairy products	2	....	2	....	1911
Sept. 11	Nemiskal, Joe	Maple City	Blacksmithing	1	....	1	....	1896
Sept. 9	Fruit Belt Package Co.	North Port	Lumber, lath, etc.	13	....	13	....	1910
Sept. 9	Kellogg	North Port	Blacksmithing	1	....	1	....	1911
Sept. 9	North Port Leader	North Port	Printed matter	3	1	4	....	1893
Sept. 9	Hilton & Mosier	Provement	Lumber and feed	8	....	8	....	1885
Sept. 9	Schaub, Simon	Provement	Flour and feed	1	....	1	....	1901
Sept. 9	Lather, Con.	Sutton Bay	Blacksmithing	2	....	2	....	1895
Sept. 9	Sutton Bay Box Factory	Sutton Bay	Boxes and crates	4	....	4	....	1909
	LENAWEE COUNTY.							
Dec. 10	Addison Cheese Factory	Addison	Cheese	1	....	1	....	.....
Dec. 10	Addison Flouring Mill Co.	Addison	Flour and feed	3	....	3	....	1858
Dec. 10	Courier, The	Addison	Printed matter	1	2	3	....	1884
Dec. 10	Swanders, S. A. & Son	Addison	Lumber	5	....	5	....	1885
Nov. 28	Adrian Daily Telegram	Adrian	Printed matter	21	3	24	3	1878
Dec. 2	Adrian Knitting Co., The	Adrian	Knit goods	34	182	216	2	1900
Nov. 29	Acme Preserve Co.	Adrian	Condiments	12	....	12	....	1897
Nov. 28	Adrian Steam Laundry	Adrian	Laundry	4	7	11	....	1907
Dec. 2	Adrian Steel Casting Co.	Adrian	Castings	32	1	33	....	1904
Nov. 29	Adrian Times, The	Adrian	Printed matter	35	2	37	....	1834
Dec. 2	Adrian Water Co.	Adrian	Water	9	....	9	....	1883
Dec. 2	Adrian Wire Fence Co.	Adrian	Wire fence	108	5	113	....	1900
Nov. 29	Basset & Aldrich	Adrian	Feed	3	....	3	....	1912
Dec. 1	Bond Steel Post Co.	Adrian	Wire fencing	38	3	41	....	1893
Dec. 1	Cherry, J. M. & Co.	Adrian	Handles	10	....	10	....	1905

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Factory Inspection.—Continued.

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	LENAWEE CO.—*Con.*							
Dec. 2	Church Bros	Adrian	Fence stretchers	6	....	6	....	1907
Nov. 28	Citizens Light & Power Co	Adrian	Light and power	24	2	26	....	1904
Dec. 1	Clark Basket Co	Adrian	Baskets,	20	12	32	....	1911
Dec. 3	Clough & Warren Co	Adrian	Pianos	45	2	47	....	1850
Dec. 2	Cutler-Dickerson Co., The	Adrian	Feed	9	1	10	....	1898
Nov. 29	Excelsior Steam Laundry	Adrian	Laundry	3	2	5	....	1902
Nov. 28	Finch, S. F	Adrian	Job printing	6	2	8	....	1893
Dec. 1	Gem Toothpick Co	Adrian	Toothpicks	3	7	10	....	1907
Dec. 1	Gibford, Edward B	Adrian	Hardware specialties	7	2	9	....	1901
Dec. 1	Gibford-Weiffenbach Co., The	Adrian	Razor strops	36	25	61	....	1898
Dec. 2	Gray Furniture Co	Adrian	Furniture	32	1	33	1	1909
Nov. 29	Gussenbauer, John C	Adrian	Cigars	2	....	2	....	1879
Nov. 29	Harris, Clyde W	Adrian	Job printing	2	1	3	....	1904
Dec. 3	Hobbs Concrete Machinery Co	Adrian	Machinery	6	....	6	....	1913
Dec. 1	Lake Shore & Michigan Southern Ry., The	Adrian	Repairing	11	....	11	....	.....
Dec. 2	Maple City Creamery, The	Adrian	Dairy products	6	....	6	....	1900
Nov. 28	Maple City Granite Co	Adrian	Monuments	9	....	9	....	1878
Nov. 28	Maple City Troy Laundry	Adrian	Laundry	7	7	14	....	1901
Nov. 29	Michigan Granite Co	Adrian	Monuments	11	....	11	....	1882
Dec. 1	Michigan Wire Fence Co	Adrian	Wire fence	39	3	42	....	1905
Nov. 29	Nichols, F. W	Adrian	Job printing	1	....	1	....	1895
Dec. 1	Page Woven Wire Fence Co	Adrian	Fence, etc	149	23	172	....	1886
Dec. 1	Palmer, A. E. & Son	Adrian	Furniture	50	1	51	....	1893
Dec. 1	Peerless Wire Fence Co	Adrian	Fence and gates	304	9	313	....	1896
Dec. 1	Prentice, F. W. & Co	Adrian	Screen doors	95	16	111	....	1907
Dec. 1	Schultz, Fred A	Adrian	Flour and feed	2	....	2	....	1855
Nov. 29	Schwarze Electric Co	Adrian	Electrical supplies	25	27	52	....	1907
Nov. 29	Simpson, The Printer	Adrian	Job printing	1	1	2	....	1908
Nov. 28	Smith, M. E	Adrian	Job printing	3	....	3	....	1911
Nov. 29	Spence, W. N. & Son	Adrian	Machine repairing	3	1	4	....	1909
Nov. 28	Union Garage	Adrian	Auto repairing	3	1	4	....	1912
Dec. 2	Vail Cooperage Co., The	Adrian	Hoops	32	....	32	....	1913
Dec. 2	Van Camp Packing Co., The	Adrian	Milk	17	8	25	....	1911
Nov. 29	Velvet Ice Cream Co	Adrian	Ice cream	8	1	9	....	1905
Dec. 3	Willbee-Morse Concrete Co	Adrian	Vaults	4	....	4	....	.....
Dec. 4	Blissfield Advance, The	Blissfield	Printed matter	2	1	3	....	1847
Dec. 4	Blissfield Milling Co	Blissfield	Flour and feed	1	....	1	....	1895
Dec. 4	Blissfield Motor Works	Blissfield	Repairing	2	....	2	....	1896
Dec. 4	Blissfield Robe & Tanning Co	Blissfield	Fur goods	8	7	15	....	1902
Dec. 4	Continental Sugar Co., The	Blissfield	Sugar	308	7	315	....	1905
Dec. 4	Ford, J. M	Blissfield	Dressed lumber	7	1	8	....	1887
Dec. 4	Home Canning Co	Blissfield	Canned goods	20	10	30	....	1898
Dec. 4	Hows & Son	Blissfield	Feed	2	....	2	....	1885
Dec. 4	Municipal Electric Light Plant	Blissfield	Light and power	3	....	3	....	1899
Dec. 4	Murry & Phillipson	Blissfield	Monuments	4	....	4	....	1906
Dec. 4	Randall, M. F	Blissfield	Woodworking	2	....	2	....	1907
Dec. 4	Walper, J. J. & Co	Blissfield	Grain, etc	2	....	2	....	.....
Dec. 4	Welber's Reliable Laundry	Blissfield	Laundry	1	8	9	....	1912
Dec. 21	Peninsular Portland Cement Co	Cement City	Cement	134	2	136	....	1901
Dec. 6	Atlas Milling Co	Clinton	Flour and feed	4	....	4	....	1838
Dec. 6	Blanchard Ruison Co	Clinton	Printed matter	1	1	2	....	1884
Dec. 6	Clinton Courier, The	Clinton	Printed matter	1	2	3	....	1906
Dec. 6	Clinton Electric Light Plant	Clinton	Light and power	2	....	2	....	1893
Dec. 6	Clintonian Garage	Clinton	Auto repairing	3	....	3	....	1911
Dec. 6	Clinton Woolen Mfg. Co	Clinton	Woolen goods	91	41	132	....	1866

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	LENAWEE CO.—*Con.*							
Nov. 27	Abbott & Co	Hudson	Auto repairing	6	....	6	....	1902
Nov. 28	Eastman, C. H. & Son	Hudson	Cider, etc	3	....	3	....	1895
Nov. 28	Hudson Gazette, The	Hudson	Printed matter	3	2	5	....	1895
Nov. 26	Hardie Mfg. Co., The	Hudson	Pumps	1	22	23	....	1900
Nov. 26	Hazen Mfg. Co	Hudson	Pumps	33	3	36	....	1906
Nov. 26	Helvetia Milk Condensing Co	Hudson	Condensed milk	75	25	100	10	1885
Nov. 26	Hudson Electric Light Plant	Hudson	Light	3	....	3	....	1892
Nov. 28	Hudson City Water Works	Hudson	Water	2	....	2	....	1890
Nov. 28	Hudson Milling Co., The	Hudson	Flour and feed	8	....	8	....	1883
Nov. 26	Hudson Post, The	Hudson	Printed matter	7	1	8	....	1865
Nov. 28	Kellogg, H	Hudson	Harness	19	....	19	....	.....
Nov. 28	Neptune Paint Co	Hudson	Paint	10	....	10	....	1905
Nov. 26	Pearl Laundry	Hudson	Laundry	2	2	4	1	1898
Nov. 26	Snow Flake Laundry	Hudson	Laundry	1	2	3	....	1909
Dec. 8	American Brick & Tile Co	Morenci	Brick and tile	23	....	23	....	1901
Dec. 8	Baker & Palmer	Morenci	Lumber, etc	5	....	5	....	1909
Dec. 9	Cline & Ackerman	Morenci	Dressed lumber	3	....	3	....	1906
Dec. 8	Hill Bros	Morenci	Auto repairing	5	1	6	....	1910
Dec. 9	Kellogg & Buck	Morenci	Flour and feed	7	....	7	....	1889
Dec. 9	Morenci Fayette Light & Power Co	Morenci	Light and power	2	....	2	....	.....
Dec. 8	Morenci Observer, The	Morenci	Printed matter	3	2	5	....	1874
Dec. 8	Morenci Steam Laundry	Morenci	Laundry	2	5	7	....	1899
Dec. 9	Ohio Dairy Co., The	Morenci	Dairy products	29	....	29	....	1900
Dec. 9	Osgood, O. D	Morenci	Feed	1	....	1	....	1888
Dec. 9	Scofield, E. W	Morenci	Hardware	9	1	10	....	1895
Dec. 9	Wells Canning Co	Morenci	Canned goods	3	3	6	....	1899
Dec. 9	Wells, E. J	Morenci	Feed	2	....	2	....	1911
Dec. 10	Connor, L. R	Onsted	Cheese	1	....	1	....	1904
Dec. 10	Onsted Electric Light Plant	Onsted	Light and power	2	....	2	....	1905
Dec. 10	Onsted Roller Mills, The	Onsted	Flour and feed	3	....	3	....	1892
Dec. 3	Driggs, H. H. Dairy Farm, The	Palmyra	Dairy products	15	....	15	....	1913
Dec. 3	Ehmger-Vogt Co., The	Palmyra	Handles	17	1	18	....	1910
Dec. 3	Mitchell & Sons Co	Palmyra	Paper	13	....	13	....	1874
Dec. 5	American Steel & Wire Co	Tecumseh	Steel and wire	24	....	24	....	1910
Dec. 5	Brewer, H. & Co	Tecumseh	Machinery	49	1	50	....	1849
Dec. 6	City Mill	Tecumseh	Feed	3	....	3	....	1913
Dec. 5	Freeman, J. J	Tecumseh	Cigars	12	2	14	....	1876
Dec. 6	Grats, Daniel & Co	Tecumseh	Flour and feed	3	....	3	....	1845
Dec. 5	Hayden, Wm. Milling Co., The	Tecumseh	Flour and feed	10	....	10	....	1838
Dec. 5	Heesen Bros. & Co	Tecumseh	Castings	35	1	36	....	1892
Dec. 5	Herald Job Rooms, The	Tecumseh	Job printing	2	1	3	....	1880
Dec. 5	Jones, J. M. & Son	Tecumseh	Custom clothing	8	2	10	....	1900
Dec. 6	Lenawee Lumber Co	Tecumseh	Dressed lumber	5	....	5	....	1910
Dec. 5	Municipal Water Works	Tecumseh	Water	3	....	3	....	1891
Dec. 5	Tecumseh Butter Co	Tecumseh	Butter	4	1	5	....	1909
Dec. 5	Tecumseh Electric Co	Tecumseh	Light and power	10	1	11	....	1901
Dec. 5	Tecumseh Garage	Tecumseh	Auto repairing	2	....	2	....	1913
Dec. 5	Tecumseh Handle Co	Tecumseh	Handles	7	....	7	....	1910
Dec. 5	Tecumseh News Publishing Co., The	Tecumseh	Job printing	2	1	3	....	1880
Dec. 5	Tecumseh Semi-Weekly Herald	Tecumseh	Printed matter	3	3	6	....	1849
Dec. 5	Tecumseh Steam Laundry	Tecumseh	Laundry	2	2	4	....	1911
Dec. 5	Uncle Sam's Macaroni Co., The	Tecumseh	Macaroni	25	16	41	....	1911
Dec. 5	Whiting, W. W	Tecumseh	Cigars	13	3	16	....	1891

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	LIVINGSTON COUNTY.							
Dec. 17	Brighton Argus, The	Brighton	Printed matter	1	1	2	....	.....
Dec. 17	Brighton Electric Light & Power Co.	Brighton	Light and power	2	....	2	....	1898
Dec. 17	Boylan, Alvin V	Brighton	Laundry	1	1	2	....	1913
Dec. 17	Galbraith Milling Co	Brighton	Flour and feed	4	....	4	....	1840
Dec. 17	Hacker, Frank	Brighton	Harness	2	....	2	....	1910
Dec. 17	Hyne, F. T. & Son	Brighton	Beans and grain	4	16	20	....	1872
Dec. 17	Livingston Mutual Telephone Co	Brighton	Telephone service	5	....	5	....	1908
Dec. 17	National Food Produce Co	Brighton	Dairy products	7	....	7	....	1911
Dec. 17	Nelson, George	Brighton	Dressed lumber	2	....	2	....	1901
Dec. 17	Pitkin, W. D. & Son	Brighton	Repairing	2	....	2	....	1911
Dec. 18	Burkhart, E. W. & Son	Fowlerville	Beans and grain	4	18	22	....	1889
Dec. 18	Fowlerville Electric Light & Power Co	Fowlerville	Light and power	3	....	3	....	1891
Dec. 18	Fowlerville Review, The	Fowlerville	Printed matter	3	....	3	....	1874
Dec. 18	Livingston Mills	Fowlerville	Flour and feed	3	....	3	....	1850
Dec. 18	Parker, W. L. Granite Works	Fowlerville	Monuments	2	....	2	....	.....
Dec. 18	Peckens, Geo. A	Fowlerville	Feed	2	....	2	....	1887
Dec. 18	Peck, Bill	Fowlerville	Job printing	1	....	1	....	1913
Dec. 18	Rounsville, Frank G	Fowlerville	Beans and grain	4	24	28	....	1875
Dec. 18	Towars Wayne County Creamery	Fowlerville	Dairy products	4	....	4	....	1912
Dec. 16	Britten's Garage	Howell	Repairing	1	....	1	....	1912
Dec. 15	Culver, Claude B	Howell	Cigars	5	1	6	....	1894
Dec. 15	Curran & Brooks	Howell	Custom clothing	3	1	4	....	1913
Dec. 16	Dixon, George & Son	Howell	Baked goods	5	1	6	....	1904
Dec. 15	Garland, A	Howell	Custom clothing	5	4	9	....	1879
Dec. 15	Hornung, George	Howell	Custom clothing	5	4	9	....	1879
Dec. 16	Hutchings, A. O	Howell	Flour and feed	3	....	3	....	1848
Dec. 15	Howell Laundry Co	Howell	Laundry	2	3	5	....	1906
Dec. 16	Livingston Democrat, The	Howell	Printed matter	3	2	5	....	1856
Dec. 16	Livingston Republican, The	Howell	Printed matter	4	1	5	....	1855
Dec. 16	Livingston Tidings	Howell	Printed matter	3	1	4	....	1891
Dec. 16	Michigan Condensed Milk Co	Howell	Condensed milk	60	5	65	....	1903
Dec. 16	Municipal Electric Light Plant	Howell	Light and water	7	....	7	....	1894
Dec. 16	Michigan Milling Co	Howell	Grain and beans	3	32	35	2	1900
Dec. 16	Parker-Spencer Co., The	Howell	Governors	9	1	10	....	1912
Dec. 16	Parshall, C. A. & Co	Howell	Flour and feed	7	1	8	....	1901
Dec. 16	Peavy, A. F. & Sons	Howell	Flour and feed	5	....	5	....	1905
Dec. 17	Platt, S. S	Howell	Monuments	1	....	1	....	.....
Dec. 17	Taft and Gordon	Howell	Beans and grain	3	16	19	....	1909
Dec. 17	Williams, H. L	Howell	Dairy products	10	....	10	....	1898
Dec. 15	Wilson, J. O. F	Howell	Cigars	1	....	1	....	1904
Dec. 15	Lake Land Motor Co	Lake Land	Gasoline engines	4	....	4	....	1911
Dec. 15	Flintoft, A. H	Pinckney	Repairing	2	....	2	....	1910
Dec. 15	Hoyt Bros., The	Pinckney	Flour and feed	2	....	2	....	1910
Dec. 15	Pinckney Despatch, The	Pinckney	Printed matter	3	....	3	....	1882
	LUCE COUNTY.							
Oct. 22	South Shore Cedar Co	Dollarville	Lumber and shingles	80	....	80	....	1911
Oct. 23	Northern Cooperage & Lumber Co., The	McMillan	Cooperage	43	....	43	....	1903
Oct. 22	Beaudin, Fred	Newberry	Cigars	2	....	2	....	1895
Oct. 21	Becks, Fred	Newberry	Dressed lumber	4	....	4	....	1912
Oct. 22	Foster, J. C	Newberry	Hardware	6	1	7	....	1893
Oct. 16	Lake Superior Iron & Chemical Co	Newberry	Chemicals, etc	185	1	186	....	1910
Oct. 16	Lake Superior Iron & Chemical Co	Newberry	Lumber	77	....	77	....	1900
Oct. 21	Newberry News, The	Newberry	Printed matter	3	....	3	....	1886
Oct. 21	Newberry State Hospital	Newberry	State institution	.....	....	.....	....	.....
Oct. 16	Newberry Water & Light Plant	Newberry	Light and water	4	....	4	....	1896

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MACKINAC COUNTY.							
Sept. 13	Northern Cedar & Lumber Co.	Bissell	Shingles and ties	35	....	35	....	1913
Sept. 13	Appleford Bros.	Brevort Lake	Lumber and shingles	10	....	10	....	1909
Sept. 13	Luepnitz, Frank J.	Brevort Lake	Lumber	4	....	4	....	1910
Aug. 28	Cedarville Boat Co.	Cedarville	Boats	4	....	4	....	1906
Aug. 28	Hossack, H. P. & Co.	Cedarville	Lumber	33	1	34	....	1896
Sept. 4	Loud Lumber Co.	Charles	Lumber	69	....	69	....	1913
Sept. 15	Bell, Edwin Co., The	Engadine	Cooperage	37	1	38	....	1912
Sept. 15	Engadine Butter Factory	Engadine	Dairy products	2	....	2	....	1911
Sept. 15	Freeman Lumber Co.	Engadine	Lumber, etc.	23	1	24	1	1911
Sept. 6	McLeod, D. N. Lumber Co.	Garnet	Lumber	43	1	44	....	1913
Sept. 6	Klise, A. B. Lumber Co.	Gilchrist	Lumber and handles	66	....	66	....	1912
Aug. 28	Hessel, John	Hessel	Lumber	9	....	9	....	1890
Aug. 28	Kramer, Joseph	Hessel	Boats	4	....	4	....	1897
Sept. 13	Leonard, J. D.	Kenneth	Shingles	17	1	18	....	1902
Aug. 26	Grand Hotel, The	Mackinac Island	Laundry	3	9	12	....	1886
Aug. 26	Grand Hotel, The	Mackinac Island	Power	7	....	7	....	1886
Aug. 26	Island Market	Mackinac Island	Meats	6	1	7	....	1870
Aug. 26	Island Steam Laundry	Mackinac Island	Laundry	6	13	19	....	1899
Aug. 26	Municipal Water, Light & Power Co.	Mackinac Island	Light and water	8	....	8	....	1901
Sept. 13	Quay, D. & Sons	Moran	Lumber, lath, etc.	54	....	54	....	1879
Sept. 5	Naubinway Mill Co.	Naubinway	Lumber	55	....	55	....	1907
Sept. 13	Central Paper Co.	Nogi	Wood pulp, etc.	42	....	42	....	1902
Sept. 4	Jameison, John A.	Pine River	Lumber	21	....	21	....	1908
Sept. 6	McLeod, D. N. Lumber Co.	Rexton	Lumber, etc.	32	....	32	....	1906
Sept. 12	Benson, J.	St. Ignace	Baked goods	2	1	3	....	1912
Sept. 12	Bissell & Shaver	St. Ignace	Shingles	21	....	21	....	1912
Aug. 13	City Steam Laundry	St. Ignace	Laundry	3	2	5	....	1905
Aug. 13	Duluth, South Shore & Atlantic Ry.	St. Ignace	Car repairing	9	....	9	....	.....
Aug. 29	Gallagher, P. E.	St. Ignace	Meats	2	1	3	....	1891
Sept. 12	Gorman, Miss Agnes	St. Ignace	Millinery	.....	3	3	....	1909
Aug. 29	Hoban, Geo.	St. Ignace	Hardware	4	1	5	....	1901
Aug. 14	Johnston, Chas.	St. Ignace	Blacksmithing	3	....	3	....	1913
Aug. 29	Johnston, Thomas	St. Ignace	Blacksmithing	1	....	1	....	1881
Aug. 13	Jones & Kerry Lumber Co.	St. Ignace	Lumber, lath	73	1	74	....	1905
Aug. 29	Kynoch, Chas. & Co.	St. Ignace	Hardware	3	1	4	....	1891
Aug. 13	Lawson, E. J.	St. Ignace	Lumber and boxes	5	....	5	....	1910
Aug. 29	Mulcrone, Patrick	St. Ignace	Meats	2	1	3	....	1901
Aug. 13	Republican-News, The	St. Ignace	Printed matter	5	....	5	....	1879
Aug. 13	St. Ignace Enterprise	St. Ignace	Printed matter	5	....	5	....	1894
Aug. 14	St. Ignace Public Works	St. Ignace	Light and water	3	....	3	....	1889
Aug. 27	Stafford, E. H. Mfg. Co.	Sand Bay	Lumber	51	1	52	....	1909
	MACOMB COUNTY.							
Nov. 6	Armada Creamery	Armada	Dairy products	2	....	2	....	1906
Nov. 6	Armada Elevator Co.	Armada	Farm produce	3	14	17	....	1875
Nov. 6	Armada Garage	Armada	Auto repairing	2	....	2	....	1910
Nov. 6	Armada Graphite, The	Armada	Printed matter	2	....	2	....	1880
Nov. 6	Armada Times, The	Armada	Printed matter	3	....	3	....	1911
Nov. 6	Bailey, E. W.	Armada	Auto repairing	2	....	2	....	1913
Nov. 6	Eastern Michigan Edison Co.	Armada	Light and water	1	....	1	....	1903
Nov. 6	Lawson, James E.	Armada	Lumber	2	....	2	....	1909
Nov. 6	Neely, Thomas	Armada	Flour	2	....	2	....	1908
Nov. 6	Ritter, Fred	Armada	Blacksmithing	2	....	2	....	1907
Nov. 6	Shasky, John	Armada	Meats	2	....	2	....	1909
Nov. 6	Stone, A. R.	Armada	Blacksmithing	3	....	3	....	1912
Nov. 6	Struthers Cooperage Co.	Armada	Staves and hoops	36	1	37	....	1894
Nov. 12	Boone, Alphonse	Cady	Feed	2	....	2	....	1912
Nov. 15	Chesterfield Creamery Co.	Chesterfield	Dairy products	6	1	7	....	1892

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MACOMB CO.—*Con.*							
Nov. 13	Gass, East	Davis	Brick and tile	5	....	5	....	1894
Nov. 13	Gass Saw Mill	Davis	Lumber	8	....	8	....	1886
Nov. 13	Snell Creamery Co	Davis	Dairy products	2	....	2	....	1898
Nov. 12	Utica Cooperative Creamery Ass'n	Disco	Dairy products	1	....	1	....	1904
Nov. 12	Steffens, Charles	Fraser	Lumber	15	....	15	....	1880
Nov. 13	Chesterfield Creamery Co	Meade	Dairy products	1	....	1	....	1890
Nov. 19	American Laundry	Mt. Clemens	Laundry	6	21	27	....	1898
Nov. 26	Artificial Stone Co	Mt. Clemens	Cement blocks	3	....	3	....	1912
Nov. 21	Barbar & Donaldson	Mt. Clemens	Candy, etc	4	4	8	....	1901
Nov. 28	Bauman, H. H	Mt. Clemens	Sheet metal	2	....	2	....	1911
Nov. 25	Breitmeyer Floral Co	Mt. Clemens	Flowers	24	....	24	....	1910
Nov. 21	Biewer's Brewery	Mt. Clemens	Beer	10	....	10	....	1872
Nov. 20	Burk, Edward J	Mt. Clemens	Plumbing	5	....	5	....	1906
Nov. 20	Carey, John E	Mt. Clemens	Flowers	7	....	7	....	1890
Nov. 28	Central Garage	Mt. Clemens	Auto repairing	3	....	3	....	1913
Nov. 21	Chesterfield Creamery Co	Mt. Clemens	Dairy products	2	....	2	....	1902
Nov. 21	City Steam Laundry	Mt. Clemens	Laundry	5	13	18	....	1909
Nov. 20	Detroit Creamery Co	Mt. Clemens	Dairy products	2	....	2	....	1893
Nov. 26	Diehl, Wm	Mt. Clemens	Cigars	1	....	1	....	1906
Nov. 21	Donaldson Bros	Mt. Clemens	Machinery	73	1	74	....	1859
Nov. 20	Eastern Michigan Edison Co	Mt. Clemens	Electricity	21	3	24	....	1911
Nov. 21	Foreman, Mrs. L. M	Mt. Clemens	Millinery	.....	4	4	....	1903
Nov. 21	Gats, Chas. H	Mt. Clemens	Custom clothing	4	2	6	1	1897
Nov. 20	Gats Creamery Co., The	Mt. Clemens	Dairy products	6	....	6	....	1907
Nov. 20	Gats, J. F. & Co	Mt. Clemens	Baked goods	13	4	17	....	1901
Nov. 19	Hatsenbuhler & Cudworth	Mt. Clemens	Plumbing	11	....	11	....	1902
Nov. 20	Hill, B	Mt. Clemens	Plumbing	3	....	3	....	1911
Nov. 20	Hogg, C. F	Mt. Clemens	Repairing	2	....	2	....	1897
Nov. 20	Hubarth & Schott Co	Mt. Clemens	Interior finish	15	....	15	....	1893
Nov. 22	Hubbard & Skelton	Mt. Clemens	Monuments	2	....	2	....	1910
Nov. 28	Huemiller, H	Mt. Clemens	Monuments	2	....	2	....	1903
Nov. 25	Klagge, Robert	Mt. Clemens	Flowers	11	....	11	....	1891
Nov. 21	Lakeside Ice & Coal Co., The	Mt. Clemens	Ice and coal	15	....	15	....	1897
Nov. 20	Lee Printing Co	Mt. Clemens	Printed matter	5	1	6	....	1893
Nov. 20	Leader-Press Co., The	Mt. Clemens	Printed matter	6	1	7	....	1863
Nov. 21	Linneburg & Harder	Mt. Clemens	Cigars	3	....	3	1	1910
Nov. 20	Lynch Millinery	Mt. Clemens	Millinery	.....	3	3	....	1893
Nov. 20	Miller, Fred W	Mt. Clemens	Plumbing	5	....	5	....	1906
Nov. 21	Misch, Mrs. C. O	Mt. Clemens	Millinery	.....	4	4	....	1912
Nov. 21	Modern Press, The	Mt. Clemens	Printed matter	4	....	4	....	1909
Nov. 20	Monitor	Mt. Clemens	Printed matter	5	3	8	....	1859
Nov. 26	Mt. Clemens Boat Works	Mt. Clemens	Boats	4	....	4	....	1903
Nov. 19	Mt. Clemens Brewing Co	Mt. Clemens	Beer	13	....	13	....	1905
Nov. 22	Mt. Clemens Brick & Tile Co	Mt. Clemens	Brick and tile	18	....	18	....	1902
Nov. 22	Mt. Clemens Casket Co	Mt. Clemens	Caskets	9	1	10	....	1902
Nov. 21	Mt. Clemens Garage & Motor Sales Co.	Mt. Clemens	Auto supplies	4	....	4	....	1909
Nov. 20	Mt. Clemens Gas Light Co	Mt. Clemens	Light and power	21	2	23	....	1901
Nov. 28	Mt. Clemens Ice Co	Mt. Clemens	Ice	1	....	1	....	1901
Nov. 22	Mt. Clemens Milling Co	Mt. Clemens	Feed	7	....	7	....	1910
Nov. 28	Mt. Clemens Spring Water Co	Mt. Clemens	Water	4	....	4	....	1909
Nov. 26	Mt. Clemens Sugar Co	Mt. Clemens	Sugar	375	....	375	....	1904
Nov. 21	Mt. Clemens Transfer & Storage Co	Mt. Clemens	Storage	6	....	6	....	1909
Nov. 21	Mt. Clemens Water Works	Mt. Clemens	Water	8	....	8	....	1888
Nov. 21	Moxen Liniment Co., The	Mt. Clemens	Medicine	2	....	2	....	1880
Nov. 19	Paganetti, J. S. Co	Mt. Clemens	Interior finish	47	....	47	....	1909
Nov. 21	Phillips & McCreedy	Mt. Clemens	Machinery	7	....	7	....	1892
Nov. 21	Price, John	Mt. Clemens	Cleaning and dyeing	2	....	2	....	1913
Nov. 25	Rapid Railway System, The	Mt. Clemens	Passenger service	78	....	78	....	1900
Nov. 28	Rosso, Howard	Mt. Clemens	Auto repairing	4	1	5	....	1909
Nov. 21	Rutten, Wm	Mt. Clemens	Cigars	2	....	2	....	1889

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Factory Inspection.—Continued.

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	MACOMB CO.—*Con.*							
Nov. 19	Snook & Mark	Mt. Clemens	Hoops	14	....	14	....	1906
Nov. 19	Snook, T. W. & Son	Mt. Clemens	Headings	28	....	28	....	1858
Nov. 26	Sprudel Water Co	Mt. Clemens	Water	7	1	8	....	1892
Nov. 25	Tinkler, Sydney	Mt. Clemens	Flowers	3	....	3	....	1912
Nov. 21	Ullrich, John J	Mt. Clemens	Custom clothing	5	....	5	....	1909
Nov. 21	Ullrich, R. C. Hardware Co	Mt. Clemens	Sheet metal	9	....	9	....	1905
Nov. 25	Von Boeslager, A	Mt. Clemens	Flowers	7	....	7	....	1902
Nov. 28	Wallace, The Cigar Man	Mt. Clemens	Cigars	1	6	7	....	1913
Nov. 22	Wolcott, Anson E. Milling Co., The	Mt. Clemens	Flour	4	....	4	....	1911
Nov. 15	Carter, F. C. & Co	New Baltimore	Woodworking	4	....	4	....	1877
Nov. 15	Detroit United Railway	New Baltimore	Electricity	23	....	23	....	1899
Nov. 15	Electric Light & Water Commission	New Baltimore	Light and water	2	....	2	....	1902
Nov. 15	New Baltimore Creamery Co	New Baltimore	Dairy products	3	....	3	....	1898
Nov. 15	New Baltimore Elevator Co., The	New Baltimore	Farm produce	2	....	2	....	1908
Nov. 15	New Baltimore Era	New Baltimore	Printed matter	2	....	2	....	1897
Nov. 14	Detroit Creamery Co	New Haven	Dairy products	1	....	1	....	1889
Nov. 14	Edmund & Harris	New Haven	Flour and feed	3	....	3	....	1906
Nov. 14	Herriman, W. B	New Haven	Machine repairing	1	....	1	....	1907
Nov. 14	New Haven Elevator Co	New Haven	Produce	5	1	6	....	1911
Nov. 14	New Haven Lumber & Coal Co	New Haven	Lumber and coal	3	....	3	....	1901
Nov. 14	New Haven Lumber & Coal Co	New Haven	Interior finish	9	....	9	....	1901
Nov. 13	Ray Center Creamery	Ray Center	Dairy products	1	....	1	....	1902
Nov. 13	Wolcotts Ray Center Mills	Ray Center	Feed	6	....	6	....	1878
Nov. 7	Beatty Marble & Granite Co., The	Richmond	Monuments	2	....	2	....	1883
Nov. 7	Davidson Mfg. Co., The	Richmond	Novelties	13	6	19	....	1911
Nov. 7	De Geer, R. R	Richmond	Cement blocks	3	....	3	....	1906
Nov. 7	Eastern Michigan Edison Co	Richmond	Light and water	4	....	4	....	1912
Nov. 7	Farmers' Elevator Co	Richmond	Farm produce	5	....	5	....	1898
Nov. 7	Lenox Flour Mills	Richmond	Flour	4	....	4	....	1893
Nov. 7	Marchbank, David	Richmond	Sheet metal	2	....	2	....	1912
Nov. 7	Parker Plow Co	Richmond	Plows	16	1	17	....	1907
Nov. 7	Richmond Auto Co	Richmond	Auto repairing	3	....	3	....	1909
Nov. 7	Richmond Creamery	Richmond	Dairy products	1	....	1	....	1904
Nov. 7	Richmond Elevator Co	Richmond	Farm produce	7	16	23	....	1906
Nov. 7	Richmond Lumber Co., The	Richmond	Dressed lumber	12	....	12	....	1910
Nov. 7	Richmond Review, The	Richmond	Printed matter	5	1	6	....	1876
Nov. 7	Richmond Woolen Mills	Richmond	Woolen goods	3	....	3	....	1883
Nov. 7	Rogge, Gus	Richmond	Blacksmithing	2	....	2	....	1911
Nov. 7	Weter, Fanning & Co	Richmond	Farm produce	11	....	11	....	1878
Nov. 8	Ewell, S. L	Romeo	Cider	2	....	2	....	1895
Nov. 8	Gray, William	Romeo	Farm products	2	10	12	....	1911
Nov. 8	Gue, L	Romeo	Woodworking	4	....	4	....	1901
Nov. 8	Slating, E. S	Romeo	Woodworking	2	....	2	....	1913
Nov. 8	Steam Laundry	Romeo	Laundry	1	1	2	....	1910
Nov. 8	Stringham, D. W	Romeo	Auto repairing	2	....	2	....	1901
Nov. 8	Robertson, Geo. F. Co	Romeo	Interior finish	14	1	15	....	1913
Nov. 8	Romeo Cigar Co	Romeo	Cigars	2	....	2	....	1910
Nov. 8	Romeo Elgin Creamery	Romeo	Dairy products	2	....	2	....	1907
Nov. 8	Romeo Foundry Co	Romeo	Castings	78	2	80	....	1910
Nov. 8	Romeo Marble & Granite Works	Romeo	Monuments	1	....	1	....	1906
Nov. 8	Romeo Milling & Elevator Co	Romeo	Flour and grain	3	14	17	....	1911
Nov. 8	Romeo Observer	Romeo	Printed matter	2	....	2	1	1865
Nov. 8	Romeo Water Works	Romeo	Water	4	....	4	....	1892
Nov. 18	Rumsey, W. Co., The	Romeo	Waste	31	4	35	1	1896
Nov. 12	Eastern Michigan Edison Co	Utica	Light	3	....	3	....	1906

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Factory Inspection.—Continued.

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	MACOMB CO.—*Con.*							
Nov. 12	Sta-Rite Corporation, The	Utica	Carburetors	6	1	7	....	1913
Nov. 12	Utica Cooperative Creamery Ass'n	Utica	Dairy products	2	....	2	....	1902
Nov. 12	Utica Milling Co	Utica	Flour	6	....	6	....	1906
Nov. 12	Utica Milling Co	Utica	Feed	3	....	3	....	1906
Nov. 12	Utica Planing Mill	Utica	Interior finish	2	....	2	....	1878
Nov. 12	Utica Sentinel, The	Utica	Printed matter	3	....	3	....	1876
Nov. 13	Chesterfield Creamery Co	Waldenburg	Dairy products	1	....	1	....	.....
Nov. 13	Gatz Creamery Co., The	Waldenburg	Dairy products	1	....	1	....	1906
Nov. 13	Jasmund, Aug	Waldenburg	Cigars	2	....	2	....	1891
Nov. 13	Utica Cooperative Creamery Co	Waldenburg	Dairy products	1	....	1	....	1906
Nov. 12	Lutz, Fred	Warren	Blacksmithing	2	....	2	....	1903
Nov. 12	Warren Brick & Tile Co	Warren	Brick and tile	10	....	10	....	1893
Nov. 12	Wilson, John H. & Son	Warren	Flour and feed	3	....	3	....	1899
	MANISTEE COUNTY.							
Aug. 21	Arcadia Argus, The	Arcadia	Printed matter	2	....	2	....	1912
Aug. 21	Arcadia & Betsey River Railway Co	Arcadia	Car repairing	3	1	4	....	1880
Aug. 21	Arcadia Clothing Co	Arcadia	Overalls and jackets	2	1	3	....	1913
Aug. 21	Arcadia Furniture Co	Arcadia	Furniture	105	17	122	5	1906
Aug. 21	Arcadia Lumber Co	Arcadia	Lumber	28	....	28	....	1910
Aug. 21	Arcadia Mirror Works	Arcadia	Mirrors	11	....	11	....	1910
Aug. 21	Buckley Chair Co	Arcadia	Furniture	4	....	4	....	1909
Aug. 21	Goon, A	Arcadia	Lumber	5	....	5	....	1907
Aug. 21	Mingus, Ed	Arcadia	Blacksmithing	2	....	2	....	1913
Aug. 22	Bear Lake Roller Mills, The	Bear Lake	Flour and feed	3	....	3	....	1900
Aug. 22	Conklin, J. R	Bear Lake	Blacksmithing	3	....	3	....	1892
Aug. 22	Keddie & Son	Bear Lake	Printed matter	3	1	4	....	1888
Aug. 22	O'Rourke	Bear Lake	Dairy products	1	....	1	....	1904
Aug. 20	Chapman-Sargent Co., The	Copemish	Woodenware	31	2	33	....	1890
Aug. 20	Copemish Bean & Grain Co	Copemish	Beans, grain, etc	4	26	30	....	1913
Aug. 20	Copemish Progress, The	Copemish	Printed matter	2	....	2	....	1903
Aug. 20	Herbert, Hawley	Copemish	Blacksmithing	1	....	1	....	1907
Aug. 20	Holland, John	Copemish	Blacksmithing	1	....	1	....	1902
Aug. 7	Manistee & Luther Railroad Co	East Lake	Car repairing	67	....	67	....	1886
Aug. 6	Peters, R. G., Salt & Lumber Co	East Lake	Salt and lumber	460	1	461	13	1884
July 30	Filer & Son	Filer City	Lumber, salt, etc	125	1	126	....	1886
July 30	Manistee & Grand Rapids R. R. Co	Filer City	Car repairing	14	1	15	....	1889
Aug. 20	Ollila, Alex	Kaleva	Lumber and shingles	3	....	3	....	1907
July 30	American Hide & Leather Co	Manistee	Leather goods	58	1	59	8	1895
Aug. 14	American Printing Co	Manistee	Printed matter	5	2	7	....	1897
Aug. 9	American Woodenware Co	Manistee	Woodenware	94	18	112	10	1912
Aug. 7	Ames, James P	Manistee	Blacksmithing	2	....	2	....	1901
Aug. 8	Auto Garage Co	Manistee	Auto repairing	7	....	7	....	1911
July 31	Buckley & Douglas	Manistee	Salt and lumber	415	....	415	2	1887
July 31	Buckley & Douglas	Manistee	Salt and lumber	317	....	317	....	1910
Aug. 8	Central Tower Clock Works	Manistee	Clocks	1	....	1	....	1879
Aug. 14	City Steam Dye Works	Manistee	Cleaning and pressing	1	2	3	....	1889
Aug. 13	Cota, A. E	Manistee	Custom clothing	5	4	9	....	1897
July 30	Crescent Candy Co	Manistee	Candy	1	5	6	....	1906
Aug. 5	Daniels, Chas. H	Manistee	Beer	21	....	21	....	1884
Aug. 14	Ferguson & Sims	Manistee	Plumbing	9	1	10	....	1907
Aug. 13	Field, F. W	Manistee	Plumbing	5	....	5	....	1887
July 30	Frederikson, J. E	Manistee	Laundry	3	6	9	....	1885
Aug. 12	Goshen Shirt Mfg. Co., The	Manistee	Shirts	15	26	41	26	1908
Aug. 8	Hatch, W. T. Ice Cream Co	Manistee	Ice cream	2	1	3	....	1898

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Factory Inspection.—Continued.

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	MANISTEE CO.—*Con.*							
Aug. 13	Hoffman, R. M	Manistee	Blacksmithing	4	....	4	....	1912
Aug. 12	Hornkol's Bakery	Manistee	Baked goods	16	....	16	....	1867
Aug. 15	Hughes, Tony	Manistee	Blacksmithing	2	....	2	....	1911
Aug. 8	Johnson, August N	Manistee	Castings	14	1	15	....	1871
Aug. 14	Kenney. T. A	Manistee	Cigars	3	....	3	....	1913
Aug. 5	Kienits & Swenson	Manistee	Monuments	2	1	3	....	1913
Aug. 11	Kirster, Joseph	Manistee	Cigars	14	....	14	1	1885
Aug. 14	Lloyd & Smith	Manistee	Plumbing	23	....	23	....	1890
July 30	Luscher Bros	Manistee	Electrical supplies	4	1	5	....	1907
Aug. 13	McLean, A. L	Manistee	Custom clothing	2	1	3	....	1889
Aug. 13	Manistee Advocate	Manistee	Printed matter	7	....	7	....	1892
Aug. 15	Manistee Brick Co	Manistee	Brick	19	....	19	....	1905
Aug. 26	Manistee County Poor Farm	Manistee	County institution	....	....	....	....	....
July 30	Manistee Glove Co	Manistee	Gloves	2	9	11	....	1910
Aug. 12	Manistee Iron Works	Manistee	Castings	183	4	187	....	1882
Aug. 13	Manistee Laundry Co	Manistee	Laundry	5	7	12	....	1908
Aug. 26	Manistee Lighting & Traction Co	Manistee	Light and power	11	3	14	....	1912
Aug. 11	Manistee Mfg. Co	Manistee	Furniture	67	1	68	3	1888
Aug. 1	Manistee & Northeastern R. R. Co	Manistee	Repairing	79	....	79	....	....
Aug. 6	Manistee Saw Works	Manistee	Circular saws	3	1	4	....	1887
Aug. 8	Manistee Shoe Mfg. Co	Manistee	Shoes	19	22	41	....	1902
Aug. 8	Manistee Water Works	Manistee	Water	13	....	13	....	1899
Aug. 9	National Garage Co	Manistee	Auto repairing	5	1	6	....	1912
Aug. 14	Nelson, George	Manistee	Custom clothing	1	....	1	....	1912
Aug. 14	Nelson, N. A	Manistee	Harness	1	....	1	....	1890
Aug. 13	News Publishing Co., The	Manistee	Printed matter	7	2	9	....	1894
July 29	Noud Lumber Co	Manistee	Dressed lumber	18	....	18	....	1903
July 29	Olson Planing Mill Co	Manistee	Building material	11	....	11	....	1891
Aug. 13	Overpack, S. C	Manistee	Wheels	7	....	7	....	1868
Aug. 12	Pomeroy Bottling Works	Manistee	Soft drinks	4	1	5	....	1867
July 29	Redmann, August	Manistee	Cigars	8	....	8	....	1904
Aug. 5	Roy, H. E. & Co	Manistee	Cigars	5	....	5	....	1886
Aug. 4	Sands, Louis Salt & Lumber Co	Manistee	Lumber, salt, etc	149	....	149	....	1905
Aug. 4	Sands, Louis Salt & Lumber Co	Manistee	Shingles	49	....	49	....	1905
July 30	Sands, Louis Salt & Lumber Co	Manistee	Lumber, salt, etc	166	....	166	....	1905
Aug. 7	Salt City Wagon Shop	Manistee	Blacksmithing	4	1	5	....	1903
Aug. 6	Schults, J. H. Co., The	Manistee	Job printing	11	11	22	1	1896
Aug. 13	Swiss Dry Cleaning Co	Manistee	Cleaning and pressing	2	....	2	....	1911
Aug. 14	Stepka, M. W	Manistee	Custom clothing	1	2	3	....	1901
Aug. 13	Thompsons Electric Shoe Repair Shop	Manistee	Shoe repairing	3	....	3	....	1913
Aug. 15	Tracy, A. G	Manistee	Repairing	1	....	1	....	1902
Aug. 15	Varney, C. L	Manistee	Plumbing	9	1	10	....	1887
Aug. 13	Volkszeitung	Manistee	Printed matter	2	1	3	1	1890
July 30	Welbes, Gust	Manistee	Blacksmithing	2	....	2	....	1910
Aug. 13	Western Union Telegraph Co	Manistee	Telegraph service	5	2	7	1	1870
Aug. 26	West Michigan Flooring Co	Manistee	Flooring	45	....	45	....	1897
Aug. 13	Wolverine Oil Co	Manistee	Oil	3	....	3	....	1897
Aug. 22	Showalter, A. L	Onekama	Blacksmithing	3	....	3	....	1903
Aug. 19	Stronach Development Co	Wellston	Electricity	2	....	2	....	1912
	MARQUETTE COUNTY.							
Sept. 6	Lake Independence Lumber Co	Big Bay	Lumber, shingles, etc	369	4	373	....	1908
Sept. 6	Lake Independence Lumber Co	Big Bay	Meats	2	....	2	....	1908
Oct. 21	Belisle, D	Champion	Blacksmithing	2	....	2	....	1903
Oct. 21	Huber, O. H	Champion	Meats	3	....	3	....	1888
Oct. 21	Oliver Mining Co	Champion	Iron ore	8	....	8	....	1887

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MARQUETTE CO.—*Con.*							
Oct. 21	Quinn, M. C	Champion	Meats	3	....	3	....	1904
Oct. 22	Cleveland-Cliffs Iron Co., The	Gwinn	Iron ore	516	2	518	....	1903
Oct. 22	Winter & Suess	Gwinn	Meats	5	....	5	....	1904
Oct. 14	Washington Iron Co	Humboldt	Iron ore	174	....	174	....	1882
Oct. 13	Altschwager, J. C	Ishpeming	Blacksmithing	3	....	3	....	1894
Oct. 6	Apostle, Samuel	Ishpeming	Candy, etc	4	....	4	....	1900
Oct. 14	Barasa, Peter	Ishpeming	Plumbing	3	....	3	....	1912
Oct. 14	Bell, George H	Ishpeming	Custom clothing	5	1	6	....	1911
Oct. 10	Blackney, James A	Ishpeming	Plumbing, etc	7	....	7	....	1904
Oct. 9	Braastad, F. & Co	Ishpeming	Meats	6	1	7	....	1886
Oct. 6	Chicago & Northwestern Ry. Co	Ishpeming	Car repairing	14	....	14	....	1882
Oct. 13	Cleveland-Cliffs Iron Co	Ishpeming	Iron ore	229	....	229	....	1850
Oct. 13	Cleveland-Cliffs Iron Co	Ishpeming	Iron ore	306	....	306	....	1850
Oct. 8	Cole, Wm. T	Ishpeming	Boiler equipments	8	....	8	....	1887
Oct. 20	Concrete Construction Co	Ishpeming	Cement blocks	6	....	6	....	1906
Oct. 7	Consolidated Fuel & Lumber Co	Ishpeming	Lumber and fuel	48	....	48	....	1902
Oct. 8	Cronwall, Frank O	Ishpeming	Baked goods	5	1	6	....	1902
Oct. 20	Cudahy Packing Co	Ishpeming	Meats	5	1	6	....	1902
Oct. 8	Denn, Peter J	Ishpeming	Beer	3	....	3	....	1901
Oct. 15	Electric Equipment Co	Ishpeming	Electric supplies	4	1	5	....	1909
Oct. 14	Gustavison, I	Ishpeming	Meats	4	1	5	....	1902
Oct. 13	Harrington, J. Cigar Factory	Ishpeming	Cigars	4	....	4	....	1912
Oct. 10	Hendrickson, Aug., Estate of	Ishpeming	Baked goods	5	2	7	....	1902
Oct. 7	Holegren, Carl E	Ishpeming	Repairing	2	....	2	....	1913
Oct. 7	Home Bakery	Ishpeming	Baked goods	4	1	5	....	1907
Oct. 7	Hosking & Wills	Ishpeming	Cigars	4	....	4	....	1912
Oct. 1	Hughes Mercantile Co	Ishpeming	Meats	7	2	9	....	1884
Oct. 13	Iron Cliffs Co	Ishpeming	Iron ore	471	....	471	....	1850
Oct. 20	Iron Ore	Ishpeming	Printed matter	10	1	11	....	1902
Oct. 15	Ishpeming Co-Operative Meat Market	Ishpeming	Meats	4	1	5	....	1900
Oct. 9	Ishpeming Water Works	Ishpeming	Water	5	....	5	....	1882
Oct. 14	Jacobs, Aug. & Son	Ishpeming	Blacksmithing	4	....	4	....	1887
Oct. 14	Kettunen, A	Ishpeming	Custom clothing	9	4	13	....	1908
Oct. 7	Koski, Peter	Ishpeming	Meats	6	....	6	....	1905
Oct. 8	Lavigne, Urgell & Sons	Ishpeming	Meats	4	....	4	....	1912
Oct. 2	Leffler, Jos. J	Ishpeming	Meats	11	1	12	....	1887
Oct. 20	Losselyoung, M	Ishpeming	Coal and wood	8	....	8	....	1896
Oct. 8	Makinen, Karl	Ishpeming	Wagons	6	....	6	....	1906
Oct. 9	Marquette Gas & Electric Co	Ishpeming	Gas and electricity	47	....	47	....	1888
Oct. 7	Menominee River Brewing Co	Ishpeming	Beer	2	....	2	....	1902
Oct. 10	Michigan State Telephone Co	Ishpeming	Telephone service	2	4	6	....	1880
Oct. 10	Michigan State Telephone Co	Ishpeming	Repairing	22	....	22	....	1913
Oct. 15	Miller Branch Brewery	Ishpeming	Beer	3	....	3	....	1904
Oct. 15	Myers, A. W	Ishpeming	Meats	9	1	10	....	1902
Oct. 8	Needham Bros	Ishpeming	Laundry	7	26	33	....	1890
Oct. 2	Nelson, Morris & Co	Ishpeming	Meats	4	....	4	....	1906
Oct. 9	Nicholls, J. T	Ishpeming	Cigars	5	....	5	....	1900
Oct. 1	Northern Leather Co	Ishpeming	Harness	4	....	4	....	1886
Oct. 13	Oliver Iron Mining Co	Ishpeming	Iron ore	379	2	381	....	1899
Oct. 15	Pabst Brewery	Ishpeming	Beer	3	....	3	....	.....
Oct. 7	Peninsular Record Publishing Co., Ltd.	Ishpeming	Printed matter	5	1	6	....	1890
Oct. 9	Pittsburg & Lake Angeline Iron Ore Co	Ishpeming	Iron ore	352	....	352	....	1882
Oct. 21	Pluto Powder Co	Ishpeming	Dynamite	72	....	72	....	1906
Oct. 7	Riley, Mrs. C	Ishpeming	Millinery	.....	5	5	....	1913
Oct. 13	Rutledge Motor Sales Co	Ishpeming	Auto repairing	7	....	7	....	1911
Oct. 20	Standard Oil Co	Ishpeming	Oils and greases	4	....	4	....	1902
Oct. 21	Superior Lumber Co	Ishpeming	Lumber and fuel	10	....	10	....	1892
Oct. 10	Superior Posten	Ishpeming	Printed matter	3	2	5	....	1894
Oct. 1	Swift & Co	Ishpeming	Meats	10	....	10	....	1890
Oct. 10	Trebilock Bros	Ishpeming	Flowers	4	....	4	....	1900

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Factory Inspection.—Continued.

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	MARQUETTE CO.—*Con.*							
Oct. 14	Val Blats Brewery	Ishpeming	Beer	3	....	3	....	1900
Oct. 10	Vanhala, J.	Ishpeming	Custom clothing	2	....	2	....	1911
Oct. 13	Verran & Holngren	Ishpeming	Blacksmithing	5	....	5	....	1904
Oct. 13	Wahlman, J. S.	Ishpeming	Building supplies	26	1	27	....	1882
Oct. 13	Walker, R. F.	Ishpeming	Baked goods	5	2	7	....	1907
Oct. 20	Goodman, B. J. & Son	Little Lake	Lumber	24	...	24	....	1908
Aug. 19	Aho, Emil	Marquette	Shoe repairing	2	....	2	....	1909
June 4	Anderson, Chas	Marquette	Meats	3	....	3	....	1901
June 3	Anderson & Melin	Marquette	Meats	5	1	6	....	1905
June 30	Armour & Co	Marquette	Provisions	8	....	8	....	1910
May 29	Bittner, H. E.	Marquette	Wagons, etc	2	....	2	....	1887
June 12	Board of Fire & Water Commissioners	Marquette	Water	4	1	5	....	1869
Aug. 22	Bolduc, Henry	Marquette	Blacksmithing	2	....	2	....	1870
Sept. 4	Brickman, Joseph	Marquette	Cement blocks	2	....	2	....	1910
Aug. 27	Burdeau, Fred & Sons	Marquette	Baked goods	3	....	3	....	1912
Aug. 27	Cameron, Alexander	Marquette	Baked goods	3	2	5	....	1888
Aug. 25	Central Meat Market	Marquette	Meats	3	....	3	1	1912
Aug. 25	Cleveland-Cliffs Iron Co., The	Marquette	Pig iron	238	2	240	....	1902
Aug. 16	Cleveland-Cliffs Iron Co., The	Marquette	Electricity	4	....	4	....	1912
June 18	Cloverland Auto Co	Marquette	Auto repairing	11	....	11	....	1913
June 12	Consolidated Fuel & Lumber Co	Marquette	Lumber, coal, etc	45	....	45	....	1905
June 14	Crawford & Co	Marquette	Custom clothing	7	2	9	....	1908
July 1	Dorais, Chas	Marquette	Meats	5	1	6	....	1908
Aug. 18	Dorais, Wm	Marquette	Meats	4	1	5	....	1898
Aug. 18	Doris, Wm	Marquette	Farm implements	4	....	4	....	1898
Aug. 25	Duval, L.	Marquette	Custom clothing	1	1	2	....	1886
June 9	Duluth, South Shore & Atlantic Ry	Marquette	Car repairing	238	1	239	....	1864
July 1	Erickson, Gust	Marquette	Meats	3	....	3	....	1902
June 20	Farney, T. J.	Marquette	Blacksmithing	2	....	2	....	1911
Aug. 21	Fassbender & Pierce	Marquette	Meats	4	....	4	....	1911
June 3	Fassbender, William	Marquette	Meats	4	....	4	....	1888
Aug. 26	Frei's Bakery	Marquette	Baked goods	1	1	2	....	1884
Aug. 19	Frei, F.	Marquette	Soft drinks	4	....	4	....	1896
June 5	Frie, Miss Katherine	Marquette	Millinery	.....	5	5	....	1902
June 30	Front Street Candy Kitchen	Marquette	Candy	4	....	4	....	1906
June 18	Fuerst, Carl	Marquette	Custom clothing	2	....	2	....	1911
June 18	Gannon Grocery Co	Marquette	Provisions	11	2	13	....	1909
July 1	Guelff & McPhail	Marquette	Job printing	4	....	4	....	1912
Aug. 19	Hammond, H. H.	Marquette	Shoes	1	....	1	....	1912
Aug. 23	Hanford, H. F.	Marquette	Shoe repairing	4	....	4	....	1880
June 21	Hathaway, Frank W.	Marquette	Meats	4	....	4	....	1896
Aug. 20	Invincible Cigar Factory	Marquette	Cigars	2	....	2	....	1898
Aug. 23	Kelly Hardware Co	Marquette	Hardware, etc	4	....	4	....	1904
Aug. 22	Kelly, Wm	Marquette	Awnings	3	....	3	....	1907
June 14	Kind, John	Marquette	Custom clothing	3	1	4	....	1901
June 23	Lake Shore Engine Works	Marquette	Machinery	110	2	112	....	1890
June 18	Lake Side Iron Works	Marquette	Machinery	11	....	11	....	1880
Aug. 21	Lake Superior Carriage Works	Marquette	Carriage repairing	4	....	4	....	1898
June 17	Lake Superior & Ishpeming Ry. Co	Marquette	Car repairing	111	....	111	....	1896
Sept. 3	Lake Superior & Ishpeming Ry. Co	Marquette	Water	2	....	2	....	1896
Sept. 4	Lake Superior & Ishpeming Ry. Co	Marquette	Iron ore	108	....	108	....	1896
Sept. 4	Lake Superior & Ishpeming Ry. Co	Marquette	Passenger service	25	3	28	....	1896
Aug. 26	La Vallee, A.	Marquette	Baked goods	2	1	3	....	1904
June 30	Lee's, Sam. Laundry	Marquette	Laundry	3	....	3	....	1909
June 18	Lesko & Ralston	Marquette	Blacksmithing	3	....	3	....	1912

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	MARQUETTE CO.—*Con.*							
Aug. 27	Libershall, A.	Marquette	Cigars	7	2	9	....	1905
Aug. 26	Light & Power Commission, The	Marquette	Light and power	19	2	21	....	1890
Sept. 2	Lipsette & Sinclair	Marquette	Crushed stone	59	1	60	....	1900
Aug. 23	Manhard, M. R. & Son, Ltd	Marquette	Hardware, etc	9	....	9	....	1874
Aug. 25	Marquette Boiler & Sheet Iron Works	Marquette	Boilers	9	1	10	....	1907
May 26	Marquette Candy Kitchen, The	Marquette	Candy	4	....	4	....	1908
June 6	Marquette City & Presque Isle Ry. Co	Marquette	Passenger service	17	2	19	....	1890
Aug. 18	Marquette Gas Light Co	Marquette	Gas	12	1	13	....	1869
Aug. 19	Marquette Mining Journal	Marquette	Printed matter	28	1	29	....	1846
June 11	Marquette Publishing Co	Marquette	Printed matter	12	5	17	....	1911
Sept. 2	Michigan State Telephone Co	Marquette	Telephone service	14	2	16	....	1900
Sept. 2	Michigan State Telephone Co	Marquette	Telephone service	1	17	18	....	1880
May 27	Nelson, C. R.	Marquette	Flowers	3	....	3	....	1905
Aug. 25	No. 4 Ore Dock	Marquette	Iron ore	20	....	20	....	1850
Aug. 25	No. 5 Ore Dock	Marquette	Iron ore	66	1	67	....	1850
June 9	Paveglio Bros. Co	Marquette	Marble, granite, etc	3	....	3	....	1911
Aug. 22	Queen City Bakery	Marquette	Baked goods	7	1	8	....	1897
June 18	Rauer, Paul	Marquette	Auto repairing	3	....	3	....	1911
Aug. 22	Roach & Seeber Co	Marquette	Flour and feed	4	....	4	....	1903
Aug. 18	Sambrook, F. W	Marquette	Lumber, etc	34	1	35	....	1900
Aug. 20	Sandstrom, August	Marquette	Shoe repairing	1	....	1	....	1913
June 20	Schneider & Brown	Marquette	Lumber	44	....	44	....	1911
June 7	Schunk, Wm	Marquette	Harness	1	....	1	....	1901
June 5	Smith, Mrs. Mary	Marquette	Millinery	.....	3	3	....	1910
May 29	Sorenson Green House, The	Marquette	Flowers	2	....	2	....	1900
Aug. 26	Spear, F. B	Marquette	Coal, etc	23	....	23	....	1865
Sept. 4	Standard Oil Works	Marquette	Oil	2	....	2	....	1890
Aug. 27	Stensrud, Herman	Marquette	Plumbing	39	....	39	....	1896
June 18	Superior Garage	Marquette	Auto repairing	6	....	6	....	1913
Aug. 24	Swanson Hardware Co	Marquette	Hardware	7	....	7	....	1909
May 27	Tauch, E. R	Marquette	Flowers	3	1	4	....	1907
June 14	Upper Peninsula Brewing Co	Marquette	Beer	20	....	20	....	1878
Aug. 20	Walton, J. L	Marquette	Custom clothing	6	....	6	....	1900
June 30	Western Union Telegraph Co	Marquette	Telegraph service	9	2	11	4	1870
June 3	Williams, William	Marquette	Meats, etc	2	3	5	....	1903
Aug. 24	Winters, W. W	Marquette	Blacksmithing	2	....	2	....	1900
Aug. 21	Zalk, Joseph	Marquette	Repairing	2	1	3	....	1908
Oct. 27	Mucks, C. G	Michigamme	Meats	4	....	4	....	1908
Sept. 27	Anderson, S. A	Negaunee	Plumbing	8	1	9	....	1909
Sept. 29	Barasa, Peter F	Negaunee	Plumbing	3	....	3	1	1912
Sept. 20	Barney, Richard	Negaunee	Plumbing	2	....	2	....	1907
Sept. 9	Braastad & Co	Negaunee	Meats	3	1	4	....	1890
Sept. 14	Breitung Hematite Mining Co., Ltd	Negaunee	Iron ore	105	....	105	....	1885
Sept. 18	Breitung Hematite Mining Co., Ltd	Negaunee	Iron ore	405	....	405	....	1885
Sept. 13	Breitung Hematite Mining Co., Ltd	Negaunee	Iron ore	47	....	47	....	1895
Sept. 13	Breitung Hematite Mining Co., Ltd	Negaunee	Iron ore	90	....	90	....	1895
Sept. 17	Cheverette, Peter	Negaunee	Blacksmithing	2	....	2	....	1896
Sept. 12	Cleveland-Cliffs Iron Co	Negaunee	Iron ore	103	1	104	....	1892
Sept. 12	Cleveland-Cliffs Iron Co	Negaunee	Iron ore	64	....	64	....	1902
Sept. 17	Collins, T. L	Negaunee	Meats	7	....	7	....	1897
Sept. 9	Consolidated Fuel & Lumber Co	Negaunee	Lumber, coal	13	1	14	....	1897
Sept. 15	Haiman, Maurice	Negaunee	Meats	6	....	6	....	1912
Sept. 11	Independent Lumber & Coal Co	Negaunee	Lumber and coal	13	....	13	....	1908
Sept. 23	Jackson Iron Mining Co	Negaunee	Iron ore	68	....	68	....	1870
Sept. 27	Jacobson, John	Negaunee	Custom clothing	5	2	7	....	1910
Sept. 15	Jacobson, John	Negaunee	Custom clothing	4	....	4	....	1912
Sept. 19	Johnson, Herman	Negaunee	Shoe repairing	2	....	2	....	1907
Sept. 30	Leisen & Henes	Negaunee	Beer	2	....	2	....	1906
Sept. 19	McCann's Auto Livery	Negaunee	Passenger service	3	....	3	1	1913
Sept. 18	Marquette County Gas & Electric Co	Negaunee	Gas and electricity	55	1	56	....	1888

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MARQUETTE CO.—*Con.*							
Sept. 30	Menominee River Brewing Co	Negaunee	Beer	2	....	2	....	1903
Sept. 25	Negaunee Candy Factory	Negaunee	Candy	7	....	7	....	1909
Sept. 15	Negaunee Electric Plant	Negaunee	Electricity	13	....	13	....	1897
Sept. 10	Negaunee Greenhouse	Negaunee	Flowers	6	....	6	....	1896
Sept. 23	Negaunee Mine	Negaunee	Iron ore	388	....	388	....	1904
Sept. 9	Negaunee Printing Co	Negaunee	Printed matter	5	....	5	....	1873
Sept. 29	Negaunee Water Works	Negaunee	Water	16	....	16	....	1882
Sept. 30	Oliver Iron Mining Co	Negaunee	Iron ore	313	....	313	....	1899
Sept. 9	Pabst Brewery	Negaunee	Beer	4	....	4	....	1890
Sept. 11	Peterson, H. J	Negaunee	Custom clothing	7	7	14	....	1890
Sept. 11	Peterson, Nels B. & Co	Negaunee	Custom clothing	4	3	7	....	1910
Sept. 22	Pickands, James & Co	Negaunee	Coal, wood, etc	9	....	9	....	1912
Sept. 23	Rolling Mill Mine	Negaunee	Iron ore	185	....	185	....	1890
Sept. 22	Yuen, Sing Laundry	Negaunee	Laundry	4	....	4	....	1906
Sept. 29	Swanson Bros	Negaunee	Plumbing	10	1	11	....	1909
Sept. 10	Thomas, S. S	Negaunee	Meats	6	....	6	....	1905
Sept. 11	Trotochaud, Godfrey	Negaunee	Harness	2	....	2	....	1897
Sept. 27	Upper Peninsula Bottling Co	Negaunee	Beer	2	....	2	....	1886
Sept. 9	Winter & Suess	Negaunee	Meats	7	3	10	....	1878
Oct. 23	Dalton Lumber Co., The	New Dalton	Lumber, etc	64	....	64	....	1904
Oct. 4	Volunteer Iron Co	Palmer	Iron ore	9	....	9	....	1910
Oct. 20	Skandia Creamery	Skandia	Dairy products	3	....	3	....	1910
Oct. 15	Pittsburg & Lake Angeline Iron Co	Tilden	Iron ore	40	....	40	....	1888
	MASON COUNTY.							
June 19	Brayman & Bigbee	Custer	Produce	4	12	16	....	1912
June 19	Briggs & Booth	Custer	Lumber, etc	4	....	4	....	1912
June 19	Custer Milling Co	Custer	Flour and feed	3	....	3	....	1908
June 17	Abair, Geo	Ludington	Salt	44	....	44	....	1913
June 12	Abrahamson, H	Ludington	Builders' supplies	8	....	8	....	1903
June 9	Abrahamson, Martin	Ludington	Building supplies	9	1	10	....	1907
June 11	American Steam Laundry	Ludington	Laundry	3	7	10	....	1902
June 11	Anderson, Mrs. F. A	Ludington	Millinery	....	3	3	....	1908
June 12	Anderson, R. J	Ludington	Harness	3	....	3	....	1892
June 5	Ayers, O. S	Ludington	Plumbing	4	....	4	....	1909
June 5	Carrom Archarena Co	Ludington	Games	11	113	124	1	1892
June 17	Cartier, A. E. Sons Co	Ludington	Lumber, lath	102	2	104	....	1892
June 11	Cartier, A. E. Sons Co	Ludington	Poles, etc	45	....	45	....	1904
June 2	Caswell, Chas. C	Ludington	Monuments	2	....	2	....	1881
June 4	City Bakery	Ludington	Baked goods	5	1	6	....	1900
June 12	Conrad, Parsons & Co	Ludington	Paints	14	....	14	....	1906
June 2	Cream Bakery	Ludington	Baked goods	2	....	2	....	1906
June 2	Davies, J. H	Ludington	Boilers	6	....	6	....	1878
June 11	Fath, H. P	Ludington	Repairing, etc	3	....	3	....	1896
June 2	Gile Boat & Engine Co	Ludington	Launches, etc	38	4	42	....	1909
June 5	Handy Things	Ludington	Hardware specialties	8	3	11	....	1911
June 12	Hansen, E. M	Ludington	Millinery	....	4	4	....	1912
June 4	Industrial Iron Works	Ludington	Castings	9	....	9	....	1874
June 4	Jagger & Boersma	Ludington	Plumbing	6	1	7	....	1909
June 4	Johnson, Nels	Ludington	Tailoring	3	2	5	....	1903
June 5	Joseph, N	Ludington	Cigars	2	....	2	....	1890
June 5	Kanouse, E	Ludington	Cigars	4	1	5	....	1908
June 4	Knebl, Jos	Ludington	Dyeing, etc	3	2	5	....	1907
June 13	Kupper, Samuel	Ludington	Tailoring	1	3	4	....	1909
June 4	Lake Side Printing Co	Ludington	Printed matter	7	3	10	....	1904

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MASON CO.—*Con.*							
June 4	Love, Adam & Son	Ludington	Tailoring	4	5	9	....	1889
June 4	Ludington Auto & Supply Co	Ludington	Auto supplies	6	1	7	....	1912
June 11	Ludington Bakery	Ludington	Baked goods	5	1	6	....	1904
June 3	Ludington Basket Co	Ludington	Fruit packages	45	31	76	....	1907
June 11	Ludington Chronicle, The	Ludington	Printed matter	4	7	11	....	1902
June 9	Ludington Gas Co	Ludington	Gas	7	1	8	....	1905
June 2	Ludington Lumber Co	Ludington	Lumber	6	1	7	....	1910
June 3	Ludington Milling Co	Ludington	Flour and feed	2	....	2	....	1888
June 4	Ludington Plumbing Co	Ludington	Plumbing	4	1	5	....	1905
June 9	Ludington Woodenware Co	Ludington	Wooden articles	49	43	92	....	1899
June 13	McKenzie, Mrs	Ludington	Millinery	.....	4	4	....	1911
June 12	Maloney, J. H	Ludington	Blacksmithing	2	....	2	....	1905
June 4	Miller & Co	Ludington	Auto repairing	3	1	4	....	1904
June 3	Morton Salt Co	Ludington	Salt	45	....	45	....	1910
June 9	Nelson, Charles	Ludington	Fuel and produce	6	1	7	....	1901
June 2	Omega Fluff Rug Co	Ludington	Rugs	3	....	3	....	1913
June 4	Osterman, A. B	Ludington	Cigars	4	....	4	....	1903
June 11	Pere Marquette Paint & Supply Co	Ludington	Paints	4	....	4	....	1908
June 2	Pierce Mfg. Co., The	Ludington	Brooms	2	....	2	....	1891
June 2	Pomeroy, Paul	Ludington	Soft drinks	3	....	3	....	1873
June 4	Record Printing & Publishing Co	Ludington	Printed matter	10	4	14	....	.....
June 5	Reichardt, M. & Sons Piano Mfg. Co.	Ludington	Pianos	60	2	62	....	1912
June 13	Saeger Co., The	Ludington	Millinery	.....	6	6	....	1909
June 11	Schrink, H. C. & Sons	Ludington	Ice cream, etc	3	1	4	....	1904
June 11	Seymour, F. F	Ludington	Machine repairing	2	....	2	....	1912
June 11	Star Laundry	Ludington	Laundry	2	6	8	....	1886
June 2	Star Watch Case Co	Ludington	Watch cases	132	70	202	....	1907
June 17	Stearns Lighting & Power Co	Ludington	Light and power	15	2	17	....	1900
June 6	Stearns Salt & Lumber Co	Ludington	Salt and lumber	464	19	483	....	1902
June 4	Stewart Bros	Ludington	Cigars	4	4	8	....	1903
June 11	Svoboda & Honsowets	Ludington	Tailoring	3	....	3	....	1895
June 12	Toggery, The	Ludington	Tailoring	8	1	9	....	1912
June 12	Travis Millinery Co., The	Ludington	Millinery	.....	3	3	....	1900
June 2	Twentieth Century Sheet Metal Works	Ludington	Furnaces, etc	3	....	3	....	1912
June 11	Vorce & McIntosh	Ludington	Fuel, feed, etc	9	....	9	....	1911
June 4	Wallace & Cartier	Ludington	Cigars	5	3	8	....	1912
June 9	Widmark, H. P. & Son	Ludington	Lumber	7	1	8	....	1900
June 2	Williams, Joseph	Ludington	Electrical supplies	3	....	3	....	1895
June 19	Alpha Creamery, The	Scottville	Flour and feed	3	....	3	....	1898
June 17	Fairbanks & Upper	Scottville	Auto repairing	2	....	2	....	1912
June 20	Mack, J. N	Scottville	Grain	2	....	2	....	1911
June 20	Roach, W. R. & Co	Scottville	Canned goods	80	42	122	....	1910
June 20	Scottville Enterprise	Scottville	Printed matter	3	1	4	....	1883
June 20	Scottville Garage & Auto Co	Scottville	Auto repairing	3	1	4	....	1912
June 20	Scottville Lumber Co	Scottville	Lumber and building supplies	4	....	4	....	1912
June 20	Scottville Produce Co	Scottville	Feed and produce	3	7	10	....	1912
June 19	Scottville Roller Mills	Scottville	Flour and feed	3	....	3	....	1898
June 20	Surplice, Edward	Scottville	Tailoring	3	....	3	....	1906
	MECOSTA COUNTY.							
Dec. 11	Barryton Electric Light & Power Co	Barryton	Electricity	1	1	2	....	1908
Dec. 11	Barryton Grain Co	Barryton	Beans, etc	2	15	17	....	1906
Dec. 11	Barryton Press, The	Barryton	Printed matter	2	1	3	....	1896
Dec. 11	Barryton Roller Milling Co	Barryton	Flour	3	....	3	....	1907
Dec. 11	Hunt, F. D	Barryton	Lathes	3	....	3	....	1907

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MECOSTA CO.—*Con.*							
Dec. 11	Lamos, E. M.	Barryton	Butter	2	....	2	....	1909
Dec. 11	Libby, McNeil & Libby	Barryton	Pickles	3	....	3	....	1906
Dec. 16	American Laundry	Big Rapids	Laundry	2	4	6	....	1896
Dec. 17	Anderson, Theo.	Big Rapids	Plumbing	3	....	3	....	1900
Dec. 17	Batson, William	Big Rapids	Monuments	3	....	3	....	1875
Dec. 16	Berkeley, A. H.	Big Rapids	Auto repairing	3	....	3	....	1900
Dec. 12	Big Rapids Broom Co.	Big Rapids	Brooms	3	31	34	....	1911
Dec. 16	Big Rapids Electric Co.	Big Rapids	Electricity	6	....	6	....	1909
Dec. 16	Big Rapids Furniture Mfg. Co.	Big Rapids	Furniture	38	1	39	....	1872
Dec. 17	Big Rapids Gas Co.	Big Rapids	Gas and coke	8	1	9	....	1880
Dec. 16	Big Rapids Pioneer, The	Big Rapids	Printed matter	9	3	12	....	1862
Dec. 16	Big Rapids Water Works	Big Rapids	Water	3	....	3	....	1885
Dec. 16	Binney Machine Works	Big Rapids	Machinery	4	....	4	....	1906
Dec. 16	Bulletin Herald, The	Big Rapids	Printed matter	3	8	11	....	1876
Dec. 17	City Bakery, The	Big Rapids	Baked goods	7	2	9	....	1909
Dec. 17	City Laundry, The	Big Rapids	Laundry	6	13	19	....	1902
Dec. 18	Cooper, Frank S.	Big Rapids	Wagons	2	....	2	....	1882
Dec. 16	Darrah Milling Co.	Big Rapids	Flour	8	....	8	....	1863
Dec. 16	Falcon Mfg. Co.	Big Rapids	Kitchen cabinets	32	1	33	....	1868
Dec. 18	Grand Rapids Muskegon Power Co.	Big Rapids	Electricity	5	1	6	....	1906
Dec. 16	Hanchett Swage Works	Big Rapids	Machinery	108	3	111	....	1891
Dec. 17	Heinz, H. J. Co.	Big Rapids	Pickles	11	6	17	....	1903
Dec. 16	Hood & Wright	Big Rapids	Veneers	48	....	48	....	1895
Dec. 12	Jones & Green	Big Rapids	Flooring	38	....	38	....	1893
Dec. 17	Luce-Redmond Chair Co., Ltd.	Big Rapids	Chairs	77	....	77	....	1903
Dec. 18	Mecosta County Mills	Big Rapids	Flour	2	....	2	....	1864
Dec. 17	Michigan Cigar Co.	Big Rapids	Cigars	3	5	8	....	1882
Dec. 17	Miles & Buck	Big Rapids	Cigars	4	1	5	....	1901
Dec. 12	Model Co-Operative Creamery Association, The	Big Rapids	Dairy products	3	1	4	....	1911
Dec. 12	Murphy, C.	Big Rapids	Beans, etc.	2	....	2	....	1902
Dec. 17	Nehmer, W. F.	Big Rapids	Brick	*4	....	4	....	1883
Dec. 18	Reynolds Lumber Co.	Big Rapids	Lumber, etc.	3	....	3	....	1898
Dec. 17	Slawson's Printing Works	Big Rapids	Job printing	2	....	2	....	1904
Dec. 12	Stimson, Lester J.	Big Rapids	Beans	7	....	7	....	1909
Dec. 17	Ward Bros.	Big Rapids	Flooring	63	....	63	....	1900
Dec. 17	White, A. J. & Son	Big Rapids	Interior finish	6	....	6	....	1888
Dec. 21	Shantz, A. M.	Mecosta	Beans, etc.	4	12	16	....	1911
Dec. 12	Millbrook Mills	Millbrook	Flour	2	....	2	....	1908
Dec. 12	Stout & Butler	Millbrook	Beans	3	11	14	....	1900
Dec. 15	Morley Journal, The	Morley	Printed matter	1	1	2	....	1907
Dec. 15	Pinney, M. E. & Co.	Morley	Cream	2	1	3	....	1910
Dec. 15	Sneden, Ed. & Co.	Morley	Meats	3	....	3	....	1908
Dec. 11	Grouse, Wm.	Remus	Feed and lumber	2	....	2	....	1883
Dec. 11	Mansfield, D. & Co.	Remus	Beans, etc.	6	21	27	....	1895
Dec. 12	Remus Co-Operative Association	Remus	Butter	2	....	2	....	1904
Dec. 11	Remus Index	Remus	Printed matter	1	1	2	....	1897
Dec. 18	Mansfield, D. & Co.	Rodney	Beans	3	9	12	....	1911
Dec. 15	Heinz, H. J. & Co.	Stanwood	Pickles	3	2	5	....	1908
Dec. 15	Turmer, A. R.	Stanwood	Lumber	3	....	3	....	1883
Dec. 15	Waddell Bros.	Stanwood	Feed	3	....	3	....	1913
Dec. 15	Ward & Darrah	Stanwood	Feed	2	....	2	....	1901

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MENOMINEE COUNTY.							
Nov. 14	Ahola, Oscar	Daggett	Grain and feed	2	....	2	....	1912
Nov. 14	Daggett Creamery	Daggett	Dairy products	2	....	2	....	1913
Nov. 14	Palm, Frank	Daggett	Blacksmithing	3	....	3	....	1889
Nov. 15	I. X. L. Creamery Co	Hermansville	Dairy products	2	....	2	....	1910
Nov. 15	Wisconsin Land & Lumber Co	Hermansville	Lumber	363	2	365	....	1895
Nov. 14	Baril, Joseph	Ingalls	Blacksmithing	2	....	2	....	1904
Nov. 14	Charley, Ira	Ingalls	Lumber	62	1	63	....	1880
Nov. 14	Noppenberg, John	Ingalls	Dairy products	2	....	2	....	1901
Nov. 5	Andrews Publications, The	Menominee	Printed matter	15	8	23	....	1873
Nov. 5	Berthold, H. C	Menominee	Sheet metal	5	1	6	....	1898
Nov. 4	Beutel, Robert	Menominee	Fish	5	....	5	....	1886
Nov. 5	Brier, James	Menominee	Meats	2	1	3	....	1908
Nov. 4	Carpenter Cook Co	Menominee	Provisions	40	9	49	....	1890
Nov. 5	Dittmore, Gus	Menominee	Passenger service	5	....	5	....	1880
Nov. 10	Dormer Co., The	Menominee	Fish	20	1	21	....	1909
Nov. 8	Dudley Tool Co	Menominee	Tools	24	1	25	....	1900
Nov. 7	Fisher Box Co	Menominee	Boxes	6	12	18	....	1904
Nov. 8	Gregory, W. B	Menominee	Job printing	4	1	5	1	1898
Nov. 6	Henes & Keller Co	Menominee	Machine repairing	29	....	29	....	1906
Nov. 6	Hone's Laundry	Menominee	Laundry	3	6	9	....	1887
Nov. 5	Landre, Wm.	Menominee	Meats	4	....	4	....	1905
Nov. 6	Leisen & Henes Brewing Co	Menominee	Beer	46	....	46	....	1878
Nov. 11	L'Hote Bros	Menominee	Farm implements	10	....	10	....	1884
Nov. 8	Llote, George	Menominee	Blacksmithing	2	....	2	....	1900
Nov. 6	Lyon Bros	Menominee	Coal, wood, etc	17	1	18	....	1894
Nov. 5	Marinette & Menominee Paper Co	Menominee	Paper	119	2	121	....	1906
Nov. 6	Martensen Bros	Menominee	Blacksmithing	3	....	3	....	1893
Nov. 6	Martinsen Bros	Menominee	Meats	3	....	3	....	1900
Nov. 5	Menominee Boiler Works	Menominee	Boilers	23	....	23	....	1872
Nov. 6	Menominee Brick Co	Menominee	Brick	20	....	20	....	1904
Nov. 7	Menominee Electric Mfg. Co	Menominee	Electrical supplies	189	34	223	15	1892
Nov. 7	Menominee & Marinette Light & Traction Co	Menominee	Electricity	15	3	18	....	1884
Nov. 7	Menominee & Marinette Light & Traction Co	Menominee	Gas	5	....	5	....	1893
Nov. 7	Menominee & Marinette Light & Traction Co	Menominee	Water	5	....	5	....	1910
Nov. 7	Menominee & Marinette Light & Traction Co	Menominee	Cars	29	....	29	....	1884
Nov. 8	Menominee Milling Co	Menominee	Flour and feed	3	....	3	....	1908
Nov. 10	Menominee Motor Truck Co., The	Menominee	Trucks	27	2	29	....	1912
Nov. 5	Menominee Printing & Bindery Co	Menominee	Job printing	1	1	2	....	1899
Nov. 8	Menominee Produce Co	Menominee	Grains and produce	2	1	3	....	1912
Nov. 5	Menominee River Auto Co	Menominee	Auto repairing	2	....	2	....	1907
Nov. 5	Menominee River Brewing Co	Menominee	Beer	28	....	28	....	1886
Nov. 5	Menominee River Brewing Co	Menominee	Beer	9	....	9	....	1886
Nov. 4	Menominee River Sugar Co	Menominee	Sugar	394	2	396	....	1905
Nov. 7	Menominee Water Co	Menominee	Water	11	....	11	....	1884
Nov. 7	Michigan Candy Co	Menominee	Candy	8	17	25	....	1901
Nov. 4	Michigan Refining & Preserving Co	Menominee	Canned goods	21	13	34	....	1907
Nov. 4	National Bakery, The	Menominee	Baked goods	4	....	4	....	1884
Nov. 5	Nelson, L	Menominee	Baked goods	1	1	2	....	1905
Nov. 5	Northern Hardware & Supply Co	Menominee	Hardware	14	3	17	....	1897
Nov. 10	Oleson, O. B	Menominee	Cigars	7	....	7	....	1904
Nov. 10	Peninsular Box & Lumber Co	Menominee	Lumber	140	....	140	1	1896
Nov. 7	Phelan & Jones	Menominee	Coal, wood and ice	10	1	11	....	1883
Nov. 5	Plumbing Co., The	Menominee	Plumbing	7	1	8	....	1908
Nov. 5	Boyer, D. F. Co	Menominee	Auto repairing	4	1	5	....	1912
Nov. 7	Prescott Co., The	Menominee	Machine repairing	194	7	201	....	1888

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MENOMINEE CO.—*Con.*							
Nov. 4	Ranney Fish Co., The	Menominee	Fish	4	....	4	....	1906
Nov. 7	Richardson Shoe Co	Menominee	Shoes	64	46	110	11	1899
Nov. 8	Roper, Cedar Co	Menominee	Lumber	44	2	46	....	1892
Nov. 8	Sandford & Treadway	Menominee	Lumber	18	1	19	....	1901
Nov. 4	Servatius, P. C	Menominee	Meats	4	1	5	....	1886
Nov. 10	Stiles, J	Menominee	Cigars	8	....	8	....	1901
Nov. 10	Stryker, A	Menominee	Cigars	6	....	6	....	1899
Nov. 7	Thomsen Bros	Menominee	Blacksmithing	5	....	5	....	1911
Nov. 5	Twin City Packing Co	Menominee	Meats	20	....	20	....	1906
Nov. 5	Western Union Telegraph Co	Menominee	Telegraph service	3	1	4	....	.....
Nov. 8	Wheaton, Peter	Menominee	Meats	3	....	3	....	1889
Nov. 7	Woessner, A. J	Menominee	Plumbing	5	1	6	....	1890
Nov. 15	Duquains, William	Powers	Blacksmithing	2	....	2	....	1898
Nov. 15	Powers-Spaulding Tribune	Powers	Printed matter	1	1	2	....	1900
Nov. 15	Beatson, F	Spaulding	Dairy products	3	....	3	....	1902
Nov. 14	Beaudoin, Frank X	Stephenson	Shoe repairing	1	....	1	....	1909
Nov. 14	De Melle, Charles	Stephenson	Blacksmithing	2	....	2	....	1898
Nov. 14	Esbrook, W. G	Stephenson	Meats	2	....	2	....	1889
Nov. 14	Journal, The	Stephenson	Printed matter	2	2	4	....	1894
Nov. 14	Stephenson Flour Mills	Stephenson	Flour	4	....	4	....	1894
Nov. 14	Stephenson Livery	Stephenson	Passenger service	2	....	2	....	1893
Nov. 14	Winter, W. B	Stephenson	Blacksmithing	3	....	3	....	1890
Nov. 14	Michigan Refining & Preserving Co	Wallace	Pickles	5	....	5	....	1898
Nov. 15	Wilson Cheese Co	Wilson	Dairy products	3	....	3	....	1903
	MIDLAND COUNTY.							
June 20	Cleveland, Miss M	Coleman	Millinery	.....	11	11	....	1911
June 20	Coleman Creamery Co	Coleman	Dairy products	2	1	3	....	1912
June 20	Coleman Elevator & Milling Co	Coleman	Grain, flour, etc	4	9	13	....	1912
June 20	Coleman Independent	Coleman	Printed matter	2	....	2	....	1888
June 20	Curtice, J. E	Coleman	Builders' supplies	2	....	2	....	1911
June 20	Farmers & Builders Supply Co	Coleman	Hay, grain, etc	2	11	13	....	1900
June 20	Farmers Dairy Association	Coleman	Dairy products	1	1	2	....	1911
June 20	Methner, Frank	Coleman	Meats	3	....	3	....	1908
June 20	Renner Bros	Coleman	Blacksmithing	3	....	3	....	1903
June 20	Roberts, C. E	Coleman	Baked goods	1	2	3	....	1900
June 20	Vannester Bros	Coleman	Chicory	14	....	14	....	1908
June 18	Baker, A. C	Midland	Coal and wood	3	....	3	....	1908
June 17	Brown, Charles	Midland	Lumber	4	....	4	....	1868
June 17	Brown, O	Midland	Blacksmithing	2	....	2	....	1898
June 18	Carey, Orville R	Midland	Blacksmithing	4	....	4	....	1905
June 17	City Steam Laundry	Midland	Laundry	2	1	3	....	1905
June 18	Clayton, W. & Son	Midland	Castings	3	....	3	....	1903
June 17	Crissey Publishing House, The	Midland	Printed matter	5	1	6	....	1881
June 17	Dow Chemical Co	Midland	Chemicals	324	5	329	....	1893
June 18	Easley & Son	Midland	Flour and feed	2	....	2	....	1912
June 17	Franck Chicory Co	Midland	Chicory	7	....	7	....	1910
June 17	Lee, E. J. & Co	Midland	Dairy products	7	....	7	....	1898
June 18	Lyon, E. H	Midland	Blacksmithing	2	....	2	....	1888
June 17	McCarty, Mrs. M. E	Midland	Millinery	.....	5	5	....	1903
June 17	McCartney's Garage	Midland	Auto repairing	3	....	3	....	1909
June 17	Midland Publishing Co., The	Midland	Printed matter	4	3	7	....	1908
June 18	Midland Tile Works	Midland	Tile	11	....	11	....	1908
June 17	Midland Water Works	Midland	Water	3	....	3	....	1882
June 18	Nehil Lumber & Supply Co	Midland	Lumber	3	....	3	....	1898
June 17	Palace Bakery	Midland	Baked goods	2	2	4	....	1910

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MIDLAND CO.—*Con.*							
June 17	Reardon Elevator Co	Midland	Grain and beans	4	1	5	....	1898
June 17	Reardon Elevator Co	Midland	Grain and beans	2	15	17	....	1910
June 17	Short, W. H	Midland	Meats	5	1	6	....	1896
June 18	Vasold Bros. & Co	Midland	Dairy products	5	....	5	....	1907
June 19	Wotring, A. C	Midland	Lumber	6	....	6	....	1909
June 21	Rilett & Herwig	North Bradley	Brick and tile	10	1	11	....	1909
	MISSAUKEE COUNTY.							
Oct. 31	Cadillac Chemical Co., The	Jennings	Chemicals	42	....	42	....	.....
Oct. 31	Cadillac Chemical Co., The	Jennings	Alcohol and charcoal	42	....	42	....	1906
Oct. 31	Mitchell Bros. Co	Jennings	Floorings, etc	291	4	295	....	1882
Nov. 1	Iverson & Peterson	Lake City	Gloves	3	12	15	....	1909
Nov. 1	LaDouceur, S. & Son	Lake City	Harness	2	....	2	....	1904
Nov. 1	Lake City Electric Light & Water Co	Lake City	Light and water	3	....	3	....	1888
Nov. 1	Missaukee Republican	Lake City	Printed matter	2	1	3	....	1886
Nov. 1	Missaukee Roller Mills, The	Lake City	Flour and feed	3	....	3	....	1912
Nov. 1	Plain Dealer, The	Lake City	Printed matter	2	3	5	....	1887
Oct. 29	Farmers Creamery Co., The	Lucas	Dairy products	2	....	2	....	1906
Oct. 29	Kelly, D. B	Lucas	Handles	24	....	24	....	1892
Oct. 29	McBain Chronicle	McBain	Printed matter	3	1	4	....	1889
Oct. 29	McBain Grain Co	McBain	Produce	5	29	34	....	1906
Oct. 29	McBain Roller Mills	McBain	Flour and feed	8	....	8	....	1892
Oct. 29	Swift & Co	McBain	Produce	2	....	2	....	1903
	MONROE COUNTY.							
Dec. 13	Carleton Roller Mills, The	Carleton	Flour	4	....	4	....	1885
Dec. 13	Carleton Times, The	Carleton	Printed matter	1	1	2	....	1887
Dec. 13	Egle, George	Carleton	Blacksmithing	2	....	2	....	1885
Dec. 13	Reiser, C. H	Carleton	Lumber	4	....	4	....	1903
Dec. 13	Dundee Hydraulic Power Co	Dundee	Electricity	3	....	3	....	1910
Dec. 13	Dundee Milling Co	Dundee	Flour and feed	3	....	3	....	1909
Dec. 13	Michigan Milling Co	Dundee	Flour and feed	2	1	3	....	1906
Dec. 13	Ohio Dairy Co., The	Dundee	Dairy products	4	1	5	....	1903
Dec. 13	Towar's Wayne County Creamery	Dundee	Dairy products	2	....	2	....	1907
Dec. 12	Amendt Milling Co	Monroe	Flour, etc	31	4	35	....	1906
Dec. 11	Boehme & Rauch Co	Monroe	Paper stocks	84	....	84	....	1902
Dec. 11	Boehme & Rauch Co., The	Monroe	Paper boxes	178	28	206	....	1902
Dec. 11	Boehme & Rauch Co., The	Monroe	Paper board	49	....	49	....	1902
Dec. 11	Boehme & Rauch Co., The	Monroe	Paper stock	40	....	40	....	1902
Dec. 10	Beck, C. F. & Son Co	Monroe	Interior finish	14	....	14	....	1865
Dec. 11	Deinzer Furniture Co., The	Monroe	Furniture	50	....	50	....	1877
Dec. 12	Detroit, Monroe & Toledo Ry	Monroe	Passenger service	38	....	38	....	.....
Dec. 12	Dusseau, J. J	Monroe	Cigars	6	....	6	....	1893
Dec. 10	Eber Bakery	Monroe	Baked goods	3	2	5	....	1911
Dec. 11	Elkhart Mfg. Co	Monroe	Magnetos	19	6	25	....	1911
Dec. 12	McMillan Printing Co	Monroe	Printed matter	5	2	7	....	1903
Dec. 12	Monroe Binder Board Co	Monroe	Binder board	90	....	90	....	1906
Dec. 10	Monroe Butter & Cheese Factory	Monroe	Dairy products	3	....	3	....	1892
Dec. 10	Monroe Canning & Packing Co., The	Monroe	Canned goods	5	....	5	....	1900
Dec. 10	Monroe Cigar Co	Monroe	Cigars	1	7	8	1	1910
Dec. 12	Monroe Democrat, The	Monroe	Printed matter	5	3	8	....	1880
Dec. 12	Monroe Foundry & Furnace Co	Monroe	Furnaces	75	1	76	....	1888
Dec. 10	Monroe Garage	Monroe	Auto repairing	2	....	2	....	1912
Dec. 12	Monroe Gas Light & Fuel Co	Monroe	Gas	15	1	16	....	1903
Dec. 11	Monroe Glass Co	Monroe	Glass	130	29	159	....	1903

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MONROE CO.—*Con.*							
Dec. 11	Municipal Lighting Plant	Monroe	Light and power	7	....	7	....	1898
Dec. 10	Monroe Marble & Granite Works	Monroe	Monuments	4	....	4	....	1876
Dec. 12	Monroe Steel Castings Co	Monroe	Castings	20	....	20	....	1911
Dec. 12	Monroe Stone Co	Monroe	Stone	40	....	40	....	1893
Dec. 12	Monroe Paper Co	Monroe	Paper	9	....	9	....	1866
Dec. 12	Radtke, A	Monroe	Building supplies	22	1	23	....	1904
Dec. 12	Record Publishing Co., The	Monroe	Printed matter	10	4	14	....	1899
Dec. 12	Reisig Tailor & Dry Cleaner	Monroe	Cleaning, etc	10	2	12	....	1883
Dec. 12	River Raisin Paper Co	Monroe	Paper	103	3	106	....	1911
Dec. 12	Scholl & Rah	Monroe	Flour	4	....	4	....	1899
Dec. 12	Shore Line Stone Co	Monroe	Stone	72	....	72	....	1901
Dec. 11	Vanblerck Motor Co	Monroe	Motors	37	4	41	1	1909
Dec. 12	Weis Mfg. Co., The	Monroe	Office equipments	192	108	300	....	1905
Dec. 11	Wilder-Strong Implement Co	Monroe	Implements	78	5	83	....	1903
Dec. 10	Younglove Glove Co	Monroe	Gloves	2	16	18	....	1900
	MONTCALM COUNTY.							
Nov. 25	Banton & Kerr	Butternut	Grain, etc	3	10	13	....	1906
Nov. 25	Butternut Custom Feed Mills	Butternut	Feed, etc	2	....	2	....	1913
Nov. 25	Fitzgerald, J. M	Butternut	Cheese	3	....	3	....	1890
Nov. 25	Libby, McNeil & Libby	Butternut	Pickles	2	....	2	....	1907
Nov. 24	Carson City Produce Co	Carson City	Dairy products	3	....	3	....	1912
Nov. 24	Carson City Gazette, The	Carson City	Printed matter	2	1	3	....	1881
Nov. 24	Carson City Steam Laundry	Carson City	Laundry	1	3	4	....	1904
Nov. 24	Carson City Water Works	Carson City	Water	1	....	1	....	1885
Nov. 25	Fife, A. & Son	Carson City	Baked goods	3	2	5	....	1909
Nov. 24	Lyon & Daniels	Carson City	Flour	3	....	3	....	1902
Nov. 24	Miner, F. H	Carson City	Cheese	2	....	2	....	1907
Nov. 24	Ralph, F	Carson City	Auto repairing	3	....	3	....	1905
Nov. 24	Rockafellow Grain Co	Carson City	Grain, etc	14	42	56	....	1887
Nov. 24	Smith & Shinabagar	Carson City	Blacksmithing	2	....	2	....	1906
Nov. 24	Union Telephone Co	Carson City	Telephone service	2	2	4	....	1895
Nov. 24	Walt, Geo	Carson City	Meats	4	....	4	....	1899
Nov. 24	Waters, J. T	Carson City	Machinery	2	....	2	....	1898
Dec. 8	Chapple & Skeoch	Coral	Beans	6	12	18	....	1907
Dec. 8	Coral Concrete Culvert Co	Coral	Cement blocks	5	....	5	....	1908
Dec. 8	Coral News, The	Coral	Printed matter	3	2	5	....	1897
Dec. 8	Wellbaum, Frank	Coral	Meats	2	....	2	....	1913
Nov. 25	Central Michigan Auto Agency	Crystal	Auto repairing	3	....	3	....	1910
Nov. 25	Crystal Butter & Cheese Co	Crystal	Dairy products	2	....	2	....	1911
Nov. 25	Crystal Mail, The	Crystal	Printed matter	2	1	3	....	1898
Nov. 25	Crystal Telephone Co	Crystal	Telephone service	1	2	3	....	1905
Nov. 25	King, S. A	Crystal	Feed	2	....	2	....	1909
Nov. 25	Sanford, Otis A	Crystal	Flour	2	....	2	....	1899
Nov. 25	Shaffer, B. F	Crystal	Lumber	2	....	2	....	1898
Nov. 13	Barber, L. & Co	Edmore	Dairy products	9	4	13	....	1913
Nov. 13	Curtis, A. E	Edmore	Beans	4	10	14	....	1909
Nov. 13	Edmore Garage	Edmore	Auto repairing	2	....	2	....	1911
Nov. 13	Edmore Roller Mills	Edmore	Flour, etc	7	1	8	....	1888
Nov. 13	Edmore Times, The	Edmore	Printed matter	2	1	3	....	1886
Nov. 13	Edmore Water Works	Edmore	Water	1	....	1	....	1883
July 18	Roach, W. R. & Co	Edmore	Canned goods	83	40	123	....	1900
Nov. 13	Sanitary Market	Edmore	Meats	3	....	3	....	1898
Nov. 19	Bellknap Cement Products Co	Greenville	Cement blocks	7	....	7	....	1908
Nov. 21	Bremer, Laura	Greenville	Millinery	....	5	5	....	1899
Nov. 18	Callagham, J. & Son	Greenville	Harness	2	....	2	....	1880
Nov. 19	Canada Mills Co	Greenville	Clothing	10	32	42	....	1908

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MONTCALM CO.—*Con.*							
Nov. 19	Central Market	Greenville	Meats	5	....	5	....	1907
Nov. 21	Chippewa Construction Co	Greenville	Coke and tar	2	....	2	....	1890
Nov. 21	Chippewa Construction Co	Greenville	Light and power	2	....	2	....	1890
Nov. 20	Chittick & Beck	Greenville	Blacksmithing	3	....	3	....	1909
Nov. 19	Christensen Glove Works	Greenville	Gloves	16	20	36	1	1903
Nov. 19	Church, J. A	Greenville	Plumbing	6	....	6	....	1907
Nov. 21	Citizens Telephone Co	Greenville	Telephone service	2	6	8	....	1898
Nov. 20	City Garage	Greenville	Auto repairing	3	....	3	....	1913
Nov. 19	City Laundry	Greenville	Laundry	2	2	4	....	1902
Nov. 19	Daily Call, The	Greenville	Printed matter	4	2	6	....	1876
Nov. 21	Dutcher, Mrs. C. T	Greenville	Millinery	....	3	3	....	1908
Nov. 20	Gibson, C. H. & Co	Greenville	Grain, etc	4	20	24	....	1908
Nov. 18	Gibson Refrigerator Co	Greenville	Refrigerators	222	2	224	....	1902
Nov. 20	Green, L. J	Greenville	Baked goods	3	2	5	....	1911
Nov. 19	Greenville Bottling Works	Greenville	Soft drinks	3	....	3	....	1913
Nov. 19	Greenville Creamery	Greenville	Dairy products	3	....	3	....	1911
Nov. 18	Greenville Floral Co	Greenville	Flowers	7	2	9	....	1903
Nov. 19	Greenville Implement Co	Greenville	Machinery	39	3	42	....	1891
Nov. 20	Greenville Lumber Co	Greenville	Lumber	4	....	4	....	1910
Nov. 19	Greenville Steam Laundry	Greenville	Laundry	2	6	8	....	1898
Nov. 18	Greenville Water Works	Greenville	Water	2	....	2	....	1887
Nov. 18	Greenville Wholesale Baking Co	Greenville	Baked goods	2	1	3	....	1913
Nov. 11	Hansen & Lyman	Greenville	Harness	2	....	2	....	1913
Nov. 19	Independent Printing Co	Greenville	Printed matter	7	2	9	....	1856
Nov. 19	Johnson, Chris. S	Greenville	Flour	2	....	2	....	1886
Nov. 19	Kemp's Auto Garage & Supply Co	Greenville	Auto repairing	4	....	4	....	1912
Nov. 20	Knapp, Thoms & Petersen	Greenville	Blacksmithing	5	....	5	....	1911
Nov. 20	Kroman, Peter	Greenville	Repairing	4	....	4	....	1904
Nov. 20	Martin, F. R. & Co	Greenville	Plumbing	3	1	4	....	1910
Nov. 20	Matlock, W	Greenville	Junk	5	....	5	....	1891
Nov. 21	Michigan State Telephone Co	Greenville	Telephone service	2	1	3	....	1890
Nov. 18	Montcalm Creamery Co	Greenville	Dairy products	2	....	2	....	1912
Nov. 18	Moore Plow & Implement Co	Greenville	Machinery	49	1	50	....	1891
Nov. 20	Morse, C. J. Cigar Co	Greenville	Cigars	2	1	3	....	1910
Nov. 19	Nelson, Frank	Greenville	Meats	3	....	3	....	1896
Nov. 20	Nelson & Nelson	Greenville	Meats	2	....	2	....	1909
Nov. 19	Noxon, B. M	Greenville	Shoe repairing	2	....	2	....	1909
Nov. 19	Osmun, J. E	Greenville	Auto repairing	2	....	2	....	1909
Nov. 20	Perks, Leslie	Greenville	Meats	2	....	2	....	1913
Nov. 20	"Prentice"	Greenville	Custom clothing	2	2	4	....	1910
Nov. 18	Ranney Refrigerator Co	Greenville	Refrigerators	126	2	128	....	1892
Nov. 18	Ranney Refrigerator Co	Greenville	Kitchen cabinets	99	....	99	....	1892
Nov. 21	Ridley, J. T	Greenville	Storage	6	....	6	....	1894
Nov. 19	Shephard's Shop	Greenville	Repairing	2	....	2	....	1909
Nov. 20	Slawson, Earle B	Greenville	Grain, etc	7	1	8	....	1906
Nov. 20	Tower, R. J. Electric Co., The	Greenville	Electricity	4	....	4	....	1907
Nov. 20	Tower, R. J. Iron Works	Greenville	Machinery	27	1	28	....	1865
Nov. 20	Tower, R. J. Milling Co., The	Greenville	Flour, etc	4	....	4	....	1907
Nov. 19	United States Express Co	Greenville	Express service	2	....	2	....	1905
Nov. 19	Weeks, C. W. & Co	Greenville	Monuments	2	....	2	....	1909
Nov. 19	Wright Bros. & Co	Greenville	Flour, etc	3	....	3	....	1881
Nov. 11	Booth Mfg. Co	Howard City	Furniture	32	....	32	....	1906
Nov. 11	Citizens Telephone Co	Howard City	Telephone service	2	1	3	....	1901
Nov. 11	Howard City Custom Milling Co	Howard City	Feed, etc	2	....	2	....	1901
Nov. 11	Howard City Garage	Howard City	Auto repairing	5	....	5	....	1912
Nov. 11	Howard City Light & Power Co	Howard City	Light and power	2	....	2	....	1907
Nov. 11	Howard City Record, The	Howard City	Printed matter	3	2	5	....	1871
Nov. 11	Howard City Water Works	Howard City	Water	1	....	1	....	1890
Nov. 11	Mahoney, Levi	Howard City	Blacksmithing	2	....	2	....	1903
Nov. 11	O'Donald, A	Howard City	Beans	4	....	4	....	1891

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Factory Inspection.—Continued.

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	MONTCALM CO.—*Con.*							
Nov. 11	Perry, Richard	Howard City	Meats	6	....	6	....	1876
Nov. 11	Prout, J. H	Howard City	Flour	4	....	4	....	1876
Nov. 11	Williams, Ceylon	Howard City	Lumber	2	....	2	....	1903
Nov. 14	Blanding Mfg. Co	Lakeview	Novelties	6	....	6	....	1909
Nov. 14	Brown, Roy	Lakeview	Plumbing	4	....	4	....	1908
Nov. 14	Charnley, Will	Lakeview	Meats	2	....	2	....	1895
Nov. 14	Hackett, E. K	Lakeview	Wagons	2	....	2	....	1899
Nov. 14	Hafey & Wandel	Lakeview	Auto repairing	3	....	3	....	1910
Nov. 14	Lakeview Elevator Co	Lakeview	Grain, etc	3	14	17	....	1907
Nov. 14	Lakeview Enterprise, The	Lakeview	Printed matter	1	1	2	....	1879
Nov. 14	Lakeview Milling Co	Lakeview	Flour	3	13	16	....	1883
Nov. 14	Lakeview Water Works	Lakeview	Water	2	....	2	....	1898
Nov. 14	Macomber & Bale	Lakeview	Lumber	18	1	19	....	1874
Nov. 14	Michigan Chair & Table Co	Lakeview	Novelties	18	2	20	....	1913
Nov. 14	Moore, F. E. Co., The	Lakeview	Premium goods	1	1	2	....	1902
Nov. 14	Moss, Mrs. J. W	Lakeview	Millinery	.....	2	2	....	1899
Nov. 14	Peterson, Peter	Lakeview	Meats	3	....	3	....	1901
Nov. 14	Union Telephone Co	Lakeview	Telephone service	1	3	4	....	1901
Nov. 14	Wilson, Alice	Lakeview	Millinery	.....	3	3	....	1907
Nov. 13	Cadwell, B. E	McBrides	Beans	2	....	2	....	1890
Nov. 13	Heins, H. J. Co	McBrides	Pickles	2	....	2	....	1903
Nov. 13	McBrides Creamery Co	McBrides	Dairy products	2	....	2	....	1908
Nov. 13	McBride Review, The	McBrides	Printed matter	1	1	2	....	1893
Nov. 11	Harvey & Sawtell	Pierson	Beans	3	9	12	....	1913
Nov. 11	Petrie, A. F. & Co	Pierson	Beans, etc	3	10	13	....	1906
Nov. 26	Alart & McGuire Co	Sheridan	Pickles	10	6	16	....	1904
Nov. 26	Eldridge, D. D	Sheridan	Feed, etc	2	....	2	....	1912
Nov. 26	Kidder, A. C	Sheridan	Meats	2	....	2	....	1900
Nov. 26	Rutherford, E. A	Sheridan	Beans	4	11	15	....	1907
Nov. 26	Sheridan Advertiser, The	Sheridan	Printed matter	2	....	2	....	1903
Nov. 26	Sheridan Creamery, The	Sheridan	Butter	2	....	2	....	1910
Nov. 13	Gaffield, J. W. & Sons	Six Lakes	Feed, etc	3	....	3	....	1890
Nov. 13	Love, Wm. R	Six Lakes	Meats	2	....	2	....	1911
Nov. 13	Williams Bros	Six Lakes	Pickles	2	....	2	....	1906
Nov. 12	Brooks, Ed	Stanton	Blacksmithing	3	....	3	....	1883
Nov. 12	Buckrell, John	Stanton	Blacksmithing	3	....	3	....	1899
Nov. 12	Cadwell, B. E. & Co	Stanton	Beans, etc	3	16	19	....	1893
Nov. 12	Chase, David	Stanton	Meats	2	....	2	....	1907
Nov. 12	City Garage & Auto Livery	Stanton	Auto repairing	3	....	3	....	1912
Nov. 12	Florin Washer Co., The	Stanton	Washing machines	3	....	3	....	1895
Nov. 12	Improved Shuffle Board Co., The	Stanton	Games	3	1	4	....	1902
Nov. 12	Libby, McNeill & Libby	Stanton	Pickles	18	12	30	....	1909
Nov. 12	Stanton City Bakery	Stanton	Baked goods	1	1	2	....	1911
Nov. 12	Stanton City Mills	Stanton	Flour	3	....	3	....	1898
Nov. 12	Stanton Clipper-Herald	Stanton	Printed matter	3	....	3	....	1867
Nov. 12	Stanton Hardware Co	Stanton	Hardware	6	....	6	....	1891
Nov. 12	Stanton Water & Power Co	Stanton	Electricity and water	3	....	3	....	1883
Nov. 12	Union Telephone Co	Stanton	Telephone service	2	1	3	....	1907
Nov. 12	Van Deboget, O. D. & Co	Stanton	Grain	2	7	9	....	1911
Dec. 8	Hansen, Oscar	Trufant	Feed, etc	2	....	2	....	1907
Dec. 8	Hansen, Oscar	Trufant	Cigars	2	2	4	....	1907
Dec. 8	Larson, J. W	Trufant	Meats	2	....	2	....	1909
Dec. 8	Thomsen, V. & Co	Trufant	Grain	2	....	2	....	1896
Dec. 9	Alart & McGuire	Vestaburg	Pickles	2	....	2	....	1905
Dec. 9	Vestaburg Elevator Co	Vestaburg	Beans	3	9	12	....	1909
Nov. 26	Johnson, M. C	Vickeryville	Cheese	2	....	2	....	1906
Nov. 26	Rockafellow Grain Co	Vickeryville	Beans, etc	2	....	2	....	1901

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Factory Inspection.—Continued.

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	MONTMORENCY COUNTY.							
Dec. 4	City Meat Market, The	Hillman	Meats	2	....	2	....	1909
Dec. 4	Doll, J. W	Hillman	Harness	1	....	1	....	1906
Dec. 4	Electric Light & Water Plant	Hillman	Light and water	2	....	2	....	1907
Dec. 4	Elowski, Paul	Hillman	Lumber and shingles	4	....	4	....	1907
Dec. 4	Gardner, Peterman & Co	Hillman	Staves, heading	2	....	2	....	.....
Dec. 4	Jackson, R. T	Hillman	Meats	2	....	2	....	1908
Dec. 4	Main River Roller Mills	Hillman	Flour and feed	5	....	5	....	1907
Dec. 4	Onaway Alpena Telephone Co	Hillman	Telephone service	.....	3	3	....	1912
Dec. 23	Lewiston Journal, The	Lewiston	Printed matter	1	....	1	....	1890
Dec. 23	Sachs, Geo. F	Lewiston	Blacksmithing	2	....	2	....	1898
Dec. 23	Sachs, Geo. B	Lewiston	Hardware	2	....	2	....	1911
	MUSKEGON COUNTY.							
Nov. 29	Grand Rapids, Grand Haven & Muskegon Ry	Fruitport	Car repairing	28	1	29	....	1902
Dec. 1	Holton Brick Co	Holton	Brick	26	....	26	....	1883
Dec. 1	Holton Creamery Co	Holton	Butter	2	....	2	....	1903
Dec. 1	Peoples Milling Co	Holton	Produce, etc	3	....	3	....	1912
Nov. 28	Garage, The	Montague	Auto repairing	1	....	1	....	1911
Nov. 28	Grubb, Mrs. L. J	Montague	Millinery	.....	2	2	....	1893
Nov. 28	Montague Milling & Supply Co	Montague	Flour and feed	4	....	4	....	1907
Nov. 28	Montague Observer	Montague	Printed matter	1	1	2	....	1898
Nov. 28	Montague Water Works	Montague	Water	1	....	1	....	1893
Nov. 28	White Lake Creamery Co	Montague	Dairy products	2	....	2	....	1911
Nov. 28	Wilson & Hausler	Montague	Castings, etc	15	1	16	....	1873
Nov. 15	Advance Mfg. & Supply Co	Muskegon	Stamps	18	17	35	....	1910
Nov. 13	Albers, John Sons	Muskegon	Meats	7	....	7	....	1908
Nov. 14	Alberts, E. F. & Co	Muskegon	Wood and wire specialties	3	....	3	....	1910
Nov. 24	Amason Knitting Mills	Muskegon	Underwear	88	457	545	10	1898
Nov. 13	American Enameled Magnet Wire Co.	Muskegon	Enameled wire	9	6	15	....	1913
Nov. 13	Andrews Printing Co	Muskegon	Job printing	3	....	3	....	1893
Nov. 12	Appel, J. G	Muskegon	Custom clothing	2	....	2	....	1901
Nov. 15	Baldwin, W. A	Muskegon	Blacksmithing	5	....	5	....	1903
Nov. 18	Bauknecht Bros	Muskegon	Coal, wood and coke	23	....	23	....	1883
Nov. 14	Borg, Frank	Muskegon	Dairy products	2	....	2	....	1913
Nov. 19	Breono, Miss	Muskegon	Millinery	.....	4	4	1	1907
Nov. 13	Brinen, W. J. Lumber Co	Muskegon	Lumber	16	1	17	....	1910
Nov. 21	Brunswick-Balke-Collender Co., The	Muskegon	Billiard tables, etc	1,025	39	1,064	....	1906
Nov. 15	Burman, Morris	Muskegon	Mattresses	2	....	2	....	1912
Nov. 19	Castenholz Bros. & Co	Muskegon	Meats	9	1	10	....	1871
Nov. 14	Cedar Creek Dairy	Muskegon	Dairy products	3	....	3	....	1909
Nov. 22	Central Foundry of Muskegon	Muskegon	Castings	25	1	26	....	1906
Nov. 22	Central Machine & Auto Co	Muskegon	Auto repairing	2	....	2	....	1909
Nov. 18	Central Paper Co	Muskegon	Paper	277	14	291	....	1899
Nov. 18	Chase-Hackley Piano Co	Muskegon	Pianos	112	3	115	10	1863
Nov. 15	Cheeseman, J. D	Muskegon	Flour and feed	1	....	1	....	1898
Nov. 13	Chicago Bakery	Muskegon	Baked goods	10	1	11	....	1899
Nov. 12	Christie, D	Muskegon	Baked goods	23	3	26	....	1885
Nov. 12	Cohn, Noah	Muskegon	Custom clothing	3	1	4	....	1898
Nov. 13	Connell, P. J. Co., Inc	Muskegon	Cement blocks, etc	27	....	27	....	1907
Nov. 14	Continental Motor Mfg. Co	Muskegon	Engines	422	15	437	....	1904
Nov. 19	Cooper & Standley	Muskegon	Custom clothing	1	1	2	....	1910
Nov. 22	Coyne, James	Muskegon	Plumbing	8	1	9	....	1897
Nov. 11	Cramer, William B	Muskegon	Sheet metal	4	1	5	....	1904

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MUSKEGON CO.—*Con.*							
Nov. 11	Crawford, S. W.	Muskegon	Job printing	2	....	2	....	1913
Nov. 20	Crown Broom Works	Muskegon	Brooms	1	....	1	....	1902
Nov. 12	Dalton Creamery	Muskegon	Dairy products	4	1	5	....	1895
Nov. 24	Dana Printing Co., The	Muskegon	Job printing	10	3	13	1	1881
Nov. 12	Daniels, M. A.	Muskegon	Custom clothing	2	....	2	....	1895
Nov. 18	Donelson Bros.	Muskegon	Coal and wood	4	1	5	....	1905
Nov. 14	Drinan, David	Muskegon	Flour, feed, etc.	2	....	2	....	1891
Nov. 17	Drinan, Roach & Co.	Muskegon	Coal, wood and coke	14	....	14	....	1911
Nov. 11	Dykema, C. O.	Muskegon	Cleaning and dyeing	2	1	3	....	1906
Nov. 21	Eagle Iron Works, Inc.	Muskegon	Castings	8	....	8	....	1907
Nov. 11	English & Eastes	Muskegon	Custom clothing	6	2	8	....	1910
Nov. 15	Ernewein, Phillip	Muskegon	Wagons	4	....	4	....	1887
Nov. 22	Eureka Rug Co.	Muskegon	Rugs	1	....	1	....	1898
Nov. 15	Excelsior Dry Cleaning Works	Muskegon	Dry cleaning	1	1	2	....	1908
Nov. 11	Fink, L. H.	Muskegon	Cigars	12	4	16	....	1889
Nov. 15	Fonger, C. E. & Son	Muskegon	Bicycle repairing	3	....	3	....	1908
Nov. 17	Freyes, L. Sons	Muskegon	Plumbing	4	1	5	....	1910
Nov. 14	Fuller, A.	Muskegon	Bicycle repairing	2	....	2	....	1912
Nov. 15	Gagnon & Houser	Muskegon	Decorating	3	....	3	....	1912
Nov. 21	Gilroy Ice Cream Co.	Muskegon	Ice cream	3	....	3	....	1907
Nov. 18	Ginman Boat Co.	Muskegon	Boats	3	....	3	....	1906
Nov. 15	Grand Rapids-Muskegon Power Co.	Muskegon	Light and power	28	4	32	....	1904
Nov. 23	Grand Rapids-Muskegon Power Co.	Muskegon	Electricity	27	4	31	....	1904
Nov. 20	Great Western Mat Co., The	Muskegon	Mats	20	4	24	....	1912
Nov. 24	Great Western Oil Co.	Muskegon	Oils	3	....	3	....	1907
Nov. 12	Green, W. S.	Muskegon	Job printing	7	....	7	....	1905
Nov. 12	Haglund, G.	Muskegon	Blacksmithing	3	....	3	....	1902
Nov. 13	Hansen, N. P.	Muskegon	Bicycle repairing	2	....	2	....	1901
Nov. 11	Howden, J. J. Co.	Muskegon	Plumbing supplies	19	1	20	....	1871
Nov. 12	Hughes, E. J.	Muskegon	Blacksmithing	2	....	2	....	1911
Nov. 12	Hunter Brothers	Muskegon	Plumbing	6	1	7	....	1912
Nov. 15	Independent Electric Co.	Muskegon	Electrical supplies	6	1	7	....	1909
Nov. 19	Indiana Box Co.	Muskegon	Boxes	132	2	134	3	1904
Nov. 18	Jagger, S. W.	Muskegon	Cigars	2	....	2	....	1897
Nov. 14	Jeannot, A. F.	Muskegon	Coal, wood, etc.	2	....	2	....	1909
Nov. 12	Jiroch, Francis	Muskegon	Cigars	15	3	18	....	1866
Nov. 15	Kern, J. W. Candy Co.	Muskegon	Candy	2	....	2	....	1906
Nov. 21	Kiper, L. & Sons	Muskegon	Harness	39	5	44	....	1911
Nov. 20	Krueger, E. W.	Muskegon	Plumbing	3	1	4	....	1909
Nov. 17	Lakeside Fuel & Ice Co.	Muskegon	Coal, ice and wood	6	1	7	....	1902
Nov. 18	Lake Shore Stone Co.	Muskegon	Crushed stone	5	....	5	....	1908
Nov. 15	Langeland Mfg. Co.	Muskegon	Doors, sash, etc.	66	1	67	....	1889
Nov. 18	Langkawel, Otto	Muskegon	Fuel	13	1	14	....	1899
Nov. 15	Lankheet, John	Muskegon	Baked goods	2	1	3	....	1880
Nov. 17	Linderman Machine Co.	Muskegon	Machinery	91	....	91	....	1901
Nov. 17	Loescher, J. Tanning Co.	Muskegon	Leather	43	1	44	....	1894
Nov. 12	Lou Lam Laundry	Muskegon	Laundry	2	....	2	....	.....
Nov. 19	Lyons Machine & Mfg. Co.	Muskegon	Tools	34	1	35	....	1913
Nov. 11	McCullom, George	Muskegon	Plumbing	13	1	14	....	1893
Nov. 11	Magoon & Kimball Co.	Muskegon	Coal, wood, etc.	32	1	33	....	1891
Nov. 21	Mann, Robert K. Lumber Co.	Muskegon	Lumber	7	1	8	....	1911
Nov. 21	Markle Cement & Coal Co.	Muskegon	Cement and coal	18	1	19	....	1905
Nov. 18	Marsh, Chas. W. Co.	Muskegon	Leather specialties	15	2	17	....	1900
Nov. 21	Millen, Robert	Muskegon	Lumber	1	....	1	....	1909
Nov. 12	Miller & Co.	Muskegon	Job printing	3	4	7	....	1909
Nov. 15	Monogram Laundry	Muskegon	Laundry	5	9	14	....	1911
Nov. 14	Moon Desk Co.	Muskegon	Desks	118	6	124	....	1899
Nov. 21	Moore, Charles E.	Muskegon	Lumber	3	1	4	....	1910
Nov. 15	Moriarty, Chas. E.	Muskegon	Cigars	1	....	1	....	1908
Nov. 22	Muskegon Art Glass Works	Muskegon	Art glass	3	1	4	....	1907

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MUSKEGON CO.—*Con.*							
Nov. 13	Muskegon Automobile Co	Muskegon	Auto repairing	6	1	7	....	1909
Nov. 12	Muskegon Baking Co	Muskegon	Baked goods	13	1	14	....	1911
Nov. 20	Muskegon Boiler Works	Muskegon	Boilers	82	2	84	....	1907
Nov. 18	Muskegon Brewing Co	Muskegon	Beer	29	....	29	....	1876
Nov. 13	Muskegon Daily Times, The	Muskegon	Printed matter	17	2	19	2	1911
Nov. 18	Muskegon Extract Co	Muskegon	Extracts	13	1	14	....	1909
Nov. 20	Muskegon Knitting Mills	Muskegon	Silk goods	9	27	36	....	1905
Nov. 20	Muskegon Laundry Co	Muskegon	Laundry	5	15	20	....	1907
Nov. 13	Muskegon Lumber & Fuel Co	Muskegon	Lumber and fuel	11	....	11	....	1900
Nov. 19	Muskegon Monument & Stone Co	Muskegon	Monuments	9	1	10	....	1901
Nov. 13	Muskegon Motor Specialties Co	Muskegon	Machinery	114	2	116	....	1909
Nov. 12	Muskegon News Chronicle	Muskegon	Printed matter	33	5	38	5	1907
Nov. 12	Muskegon News Print Shop	Muskegon	Printed matter	4	1	5	....	1909
Nov. 13	Muskegon Office Cabinet Co	Muskegon	Office cabinets	6	1	7	....	1911
Nov. 13	Muskegon Paper Box Co	Muskegon	Boxes	2	11	13	....	1910
Nov. 20	Muskegon Pattern Works	Muskegon	Patterns	13	....	13	....	1910
Nov. 12	Muskegon Plumbing & Supply Co	Muskegon	Plumbing	3	1	4	....	1912
Nov. 14	Muskegon Raz & Metal Co	Muskegon	Junk	20	4	24	....	1888
Nov. 22	Muskegon Rug Co	Muskegon	Rugs	3	....	3	....	1906
Nov. 11	Muskegon Smoke Shop	Muskegon	Cigars	5	1	6	....	1913
Nov. 11	Muskegon Steam Dye House	Muskegon	Dyeing and cleaning	3	4	7	....	1887
Nov. 18	Muskegon Tent & Awning Co	Muskegon	Tents and awnings	5	....	5	....	1900
Nov. 14	Muskegon Tool & Stamping Co	Muskegon	Tools, dies, etc	14	....	14	....	1909
Nov. 12	Muskegon Traction & Lighting Co	Muskegon	Light and power	162	3	165	....	1902
Nov. 19	Muskegon Valley Furniture Co	Muskegon	Furniture	77	1	78	....	1880
Nov. 12	Muskegon Vulcanising Co	Muskegon	Vulcanising	2	....	2	....	1912
Nov. 17	Muskegon Water Works	Muskegon	Water	19	....	19	....	1871
Nov. 13	Neil & Alwynse	Muskegon	Coal, wood and ice	10	....	10	....	1888
Nov. 11	Norton, Frank W	Muskegon	Custom clothing	7	1	8	....	1904
Nov. 14	Panyard, G. V. & Co	Muskegon	Wall paper, etc	20	....	20	....	1905
Nov. 13	Peerless Creamery, The	Muskegon	Dairy products	9	1	10	....	1911
Nov. 11	Peoples Laundry Co	Muskegon	Laundry	7	21	28	....	1882
Nov. 13	Peoples Milling Co	Muskegon	Flour and feed	8	1	9	....	1910
Nov. 14	Pere Marquette Railroad Co	Muskegon	Car repairing	138	....	138	....	1878
Nov. 14	Racine-Truscott-Shell Lake Boat Co	Muskegon	Boats	138	1	139	....	1912
Nov. 22	Reed, Mrs. C. C	Muskegon	Millinery	.....	3	3	....	1901
Nov. 15	Retsema & Bomers	Muskegon	Cigars	5	1	6	....	1902
Nov. 21	Robarge Cement Co	Muskegon	Cement	7	....	7	....	1911
Nov. 21	Rodgers Boiler & Burner Co	Muskegon	Boilers and burners	7	1	8	....	1905
Nov. 15	Rodgers Electric Co	Muskegon	Electrical supplies	7	....	7	....	1911
Nov. 13	Root, Liberty B	Muskegon	Ice cream	2	....	2	....	1912
Nov. 22	Ross, J. D	Muskegon	Custom clothing	3	2	5	....	1909
Nov. 22	Rourk, The Tailor	Muskegon	Custom clothing	1	....	1	....	1909
Nov. 22	Rubinsky, H	Muskegon	Junk	4	1	5	....	1873
Nov. 11	Sanitary Home Bakery	Muskegon	Baked goods	1	2	3	....	1910
Nov. 19	Sargent Mfg. Co	Muskegon	Furniture	81	2	83	....	1888
Nov. 14	Schlitz Brewing Co	Muskegon	Beer, etc	5	....	5	....	1909
Nov. 12	Shaffer, C. H	Muskegon	Machine repairing	1	....	1	....	1905
Nov. 15	Sharkoff, Wm. S. Co	Muskegon	Upholstering	3	....	3	....	1904
Nov. 20	Shaw-Walker Co., The	Muskegon	Filing devices	307	72	379	5	1899
Nov. 19	Sheldon, E. H. & Co	Muskegon	Furniture	108	5	113	....	1890
Nov. 11	Sifferd	Muskegon	Custom clothing	2	....	2	....	1913
Nov. 22	Sima, Frank	Muskegon	Sheet metal	1	....	1	....	1909
Nov. 20	Simonson, J. T. & Co	Muskegon	Machinery	3	1	4	....	1905
Nov. 15	Slaghuis, A	Muskegon	Millinery	.....	5	5	....	1896

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Factory Inspection.—Continued.

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	MUSKEGON CO.—*Con.*							
Nov. 14	Smith, L. G. & Co	Muskegon	Lumber	15	....	15	....	1913
Nov. 21	Standard Oil Co., The	Muskegon	Oil	7	....	7	....	.....
Nov. 12	Staunton Laboratory	Muskegon	Chemicals	2	....	2	....	1912
Nov. 15	Steketee, Peter P	Muskegon	Advertising	4	....	4	....	1900
Nov. 11	Steketee Printing Co	Muskegon	Job printing	4	2	6	....	1905
Nov. 20	Stewart-Hartshorn Co	Muskegon	Shade rollers	283	51	334	11	1849
Nov. 19	Superior Seating Co	Muskegon	Furniture	195	7	202	....	1901
Nov. 15	Swartz, T. A	Muskegon	Blacksmithing	2	....	2	....	1906
Nov. 21	U. S. Gas Machine Co	Muskegon	Gas machines	6	....	6	....	1907
Nov. 11	Vander Est, A	Muskegon	Dry cleaning	2	2	4	....	1912
Nov. 22	Vanderlaan, Louis	Muskegon	Cigars	4	1	5	....	1893
Nov. 15	Vos, Miss Nellie	Muskegon	Millinery	.....	2	2	....	1908
Nov. 19	Vulcanizing Product Co	Muskegon	Rubber goods	42	2	44	....	1911
Nov. 15	Wagner, John	Muskegon	Plumbing	4	....	4	....	1910
Nov. 12	Walker Candy Co., The	Muskegon	Candy	22	38	60	....	1910
Nov. 19	Wasserman, L	Muskegon	Flowers	7	1	8	....	1881
Nov. 12	Western Auto Co	Muskegon	Auto repairing	3	....	3	....	1912
Nov. 21	West Michigan Steel Foundry Co	Muskegon	Castings	41	1	42	....	1912
Nov. 14	Wiselogel Co., The	Muskegon	Building material	21	1	22	....	1905
Nov. 20	Wright Cooler & Hood Mfg. Co	Muskegon	Auto hoods, etc	10	2	12	....	1910
Nov. 14	Wurtzler, A. P	Muskegon	Harness	1	....	1	....	1877
Nov. 12	Yale, W. R	Muskegon	Upholstering	1	....	1	....	1891
Nov. 11	Youngs Garage	Muskegon	Auto repairing	2	....	2	....	1910
Nov. 25	Alaska Refrigerator Co., The	Muskegon Hts	Refrigerators	294	....	294	22	1891
Nov. 25	Browne-Morse Co	Muskegon Hts	Filing cabinets	116	10	126	....	1907
Nov. 25	Campbell, Wyant & Cannon Foundry Co	Muskegon Hts	Castings	186	....	186	....	1908
Nov. 25	Edwards Lumber Co	Muskegon Hts	Lumber	12	....	12	....	1909
Nov. 28	Enterprise Brass Works	Muskegon Hts	Castings	54	1	55	....	1896
Nov. 26	Gabel, F. A	Muskegon Hts	Baked goods	1	1	2	....	.....
Nov. 26	Kinne Mfg. Co	Muskegon Hts	Office furnishings	5	....	5	....	1905
Nov. 26	March-Tenny Co	Muskegon Hts	Drinking fountains	1	1	2	....	1911
Nov. 25	Michigan Washing Machine Co	Muskegon Hts	Washing machines	68	2	70	....	1887
Nov. 25	Morton Mfg. Co	Muskegon Hts	Machinery	81	1	82	....	1891
Nov. 25	Piston Ring Co., The	Muskegon Hts	Piston rings	31	1	32	....	1912
Nov. 26	Pyle Pattern & Mfg. Co	Muskegon Hts	Castings	37	....	37	....	1903
Nov. 26	Schneidt, August	Muskegon Hts	Mattresses	6	....	6	....	1879
Nov. 26	Shaw Electric Crane Co., The	Muskegon Hts	Cranes	372	4	376	2	1891
Nov. 26	Standard Malleable Iron Co	Muskegon Hts	Castings	468	....	468	....	1896
Nov. 24	Crow Lumber Co	No. Muskegon	Lumber	43	....	43	....	1912
Nov. 24	Delong Bros	No. Muskegon	Flour and feed	3	....	3	....	1909
Nov. 29	Home Bakery	Ravenna	Baked goods	2	1	3	....	1910
Nov. 29	Lavender, Mrs. Mattie	Ravenna	Millinery	.....	1	1	....	1901
Nov. 29	Ravenna Co-Operative Creamery Co., The	Ravenna	Dairy products	3	....	3	....	1912
Nov. 29	Ravenna Lumber Yards	Ravenna	Lumber	1	....	1	....	1906
Nov. 29	Ravenna Times, The	Ravenna	Printed matter	2	....	2	....	1883
Nov. 29	Young, A. E	Ravenna	Feed	2	....	2	....	1907
Nov. 28	Covell, Lyman T	Whitehall	Lumber	5	1	6	....	1864
Nov. 28	Dyboig, O. N	Whitehall	Plumbing	3	1	4	....	1905
Nov. 28	Eagle Tanning Works	Whitehall	Leather	159	1	160	....	1866
Nov. 28	Erickson-Steffee Co	Whitehall	Lumber	7	....	7	....	1891
Nov. 28	Funk, G. C	Whitehall	Custom clothing	1	....	1	....	1876
Nov. 28	Hollis, Mrs. M. G	Whitehall	Millinery	.....	2	2	....	1897
Nov. 28	Jensen, Peter	Whitehall	Blacksmithing	3	....	3	....	1906
Nov. 28	Municipal Electric Light & Water Wks	Whitehall	Water and light	3	....	3	....	1891
Nov. 28	Nufer Cedar Co., The	Whitehall	Boxes and lumber	60	1	61	1	1887

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	MUSKEGON CO.—*Con.*							
Nov. 28	Pierce, W. E.	Whitehall	Plumbing	3	....	3	....	1912
Nov. 28	Reed Bros	Whitehall	Flour and feed	5	1	6	....	1909
Nov. 28	Roykross Chemical Co	Whitehall	Chemicals	4	1	5	....	1906
Nov. 28	Troy Steam Laundry	Whitehall	Laundry	2	....	2	....	1880
Nov. 28	Whitehall Forum, The	Whitehall	Printed matter	3	....	3	....	1868
Nov. 28	Widoe, T. B. Clothing Co	Whitehall	Custom clothing	3	....	3	....	1888
	NEWAYGO COUNTY.							
Nov. 8	Croton Power House	Croton	Power	3	....	3	....	1907
Nov. 6	Atchison & Hawley	Fremont	Millinery	.....	3	3	....	1912
Nov. 6	Bacon, A. F.	Fremont	Plumbing	4	1	5	....	1909
Nov. 6	Blount, H. A.	Fremont	Cigars	2	1	3	....	1906
Nov. 6	Crescent Mills	Fremont	Flour and feed	4	....	4	....	1903
Nov. 6	Darling Milling Co	Fremont	Flour and feed	8	1	9	....	1883
Nov. 6	Fremont Canning Co	Fremont	Canned goods	54	98	152	....	1891
Nov. 6	Fremont Co-Operative Produce Co	Fremont	Produce	4	....	4	....	1912
Nov. 6	Fremont Creamery Co	Fremont	Dairy products	6	....	6	....	1904
Nov. 6	Fremont Electric Light & Water Wks	Fremont	Light and water	3	....	3	....	1897
Nov. 6	Fremont Elevator Co	Fremont	Produce	3	12	15	....	1912
Nov. 6	Fremont Lumber & Fuel Co	Fremont	Lumber and fuel	6	1	7	....	1906
Nov. 6	Fremont Times-Indicator	Fremont	Printed matter	3	2	5	....	1878
Nov. 6	Graff & Southhard	Fremont	Machine repairing	3	....	3	....	1908
Nov. 6	Heins, H. J. Co	Fremont	Pickles	13	4	17	....	1899
Nov. 6	Hillyard, J. L. & Co	Fremont	Produce	7	21	28	....	1893
Nov. 6	Meeuwenberg, H. M. Garage	Fremont	Auto repairing	4	....	4	....	1912
Nov. 6	Michigan Tanning & Extract Co	Fremont	Leather	78	....	78	....	1911
Nov. 6	Stannard, Jas. R.	Fremont	Baked goods	3	2	5	....	1909
Nov. 6	Troost, John	Fremont	Custom clothing	2	....	2	....	1912
Nov. 7	Vaughan, E. M.	Fremont	Harness	1	....	1	....	1893
Nov. 6	Waters & Vreeland	Fremont	Blacksmithing	3	....	3	....	1905
Nov. 6	Weaver, Glenn	Fremont	Baked goods	2	1	3	....	1913
Nov. 7	Grant Creamery Co	Grant	Dairy products	3	....	3	....	1910
Nov. 7	Grant Herald, The	Grant	Printed matter	2	1	3	....	1911
Nov. 7	Grant Independent	Grant	Printed matter	1	1	2	....	1898
Nov. 7	Grant Lumber & Fuel Co	Grant	Lumber and fuel	1	....	1	....	1908
Nov. 7	Hemingsen Co	Grant	Lumber	10	....	10	....	1902
Nov. 7	Osborn, John F.	Grant	Produce	2	11	13	....	1909
Nov. 7	Seamon, Frank R.	Grant	Auto repairing	3	....	3	....	1912
Nov. 8	Chamberlain, J. A.	Newaygo	Baked goods	1	....	1	....	1905
Nov. 8	Fair, Charles	Newaygo	Cigars	1	1	2	....	1908
Nov. 8	Hemily Lumber Co	Newaygo	Lumber, etc	5	....	5	....	1904
Nov. 8	Johnson, H. R.	Newaygo	Custom clothing	1	....	1	....	1901
Nov. 8	Newaygo Engineering Co., The	Newaygo	Separators	26	1	27	....	1910
Nov. 8	Newaygo Portland Cement Co	Newaygo	Cement	105	....	105	....	1900
Nov. 8	Newaygo Republican, The	Newaygo	Printed matter	3	....	3	....	1857
Nov. 8	Newaygo Roller Mills	Newaygo	Flour and feed	3	....	3	....	1912
Nov. 8	Rowe, Henry Mfg. Co	Newaygo	Wood turning	17	1	18	....	1905
Nov. 7	Blue Line Creamery	White Cloud	Dairy products	2	....	2	....	1908
Nov. 7	Wants, T. B. & E.	White Cloud	Machine repairing	1	....	1	....	1905
Nov. 7	White Cloud Bicycle Co	White Cloud	Repairing	1	....	1	....	1902
Nov. 7	White Cloud Eagle, The	White Cloud	Printed matter	1	2	3	....	1897
Nov. 7	White Cloud Electric Light & Water Works	White Cloud	Light and water	2	....	2	....	1889
Nov. 7	White Cloud Mills	White Cloud	Flour and feed	1	....	1	....	1902
Nov. 7	White Cloud Star, The	White Cloud	Printed matter	1	1	2	....	1906

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	OAKLAND COUNTY.							
Sept. 30	Bell & Lajoie	Birmingham	Meats	3	....	3	....	1911
Sept. 30	Clement, J. M	Birmingham	Blacksmithing	2	....	2	....	1885
Sept. 30	Erity & Nixon	Birmingham	Feed	3	....	3	....	1880
Sept. 30	Erwin & Smith	Birmingham	Meats	4	....	4	....	1910
Sept. 30	Leonard Electrical Co	Birmingham	Electrical supplies	5	....	5	....	1908
Sept. 30	Oakland Garage	Birmingham	Auto repairing	2	....	2	....	1913
Sept. 30	O'Neal, E. A	Birmingham	Leather goods	3	....	3	....	1885
Sept. 30	Parks, E. A	Birmingham	Passenger service	4	....	4	....	1905
Sept. 30	Sanitary Bakery	Birmingham	Baked goods	3	1	4	....	1913
Sept. 30	Steele, Bruce	Birmingham	Plumbing	5	1	6	....	1911
Sept. 30	Warner, Fred F	Birmingham	Baked goods	2	1	3	....	1906
Sept. 29	Andrews, F	Clarkston	Blacksmithing	1	....	1	....	1908
Sept. 29	Cook & Deacon	Clarkston	Coal, wood, etc	5	....	5	....	1912
Sept. 29	Leonard, F	Clarkston	Baked goods	1	1	2	....	1912
Sept. 29	Parker, T. L	Clarkston	Leather goods	1	....	1	....	1905
Sept. 29	Skarritt, J. A	Clarkston	Passenger service	3	....	3	....	1906
Sept. 29	Vleit, C. R	Clarkston	Meats	2	....	2	....	1906
Sept. 29	Walls & Wilds	Clarkston	Meats	3	....	3	....	1908
Oct. 1	Farmington Roller Mills	Farmington	Feed and produce	3	....	3	....	1895
Oct. 1	Park Garage	Farmington	Auto repairing	3	....	3	....	1911
Oct. 1	Ramsey, C. E	Farmington	Printed matter	1	1	2	....	1911
Oct. 1	Schroeder, H. A	Farmington	Meats	2	....	2	....	1912
Oct. 1	Warner, Fred M. Cheese Co	Farmington	Dairy products	3	....	3	....	1893
Sept. 26	Bradley, John A	Holly	Auto repairing	2	....	2	....	1905
Sept. 26	Chase & Baker Piano Mfg. Co., The	Holly	Pianos	27	....	27	....	1907
Sept. 26	Heinz, H. J. Co	Holly	Vinegar	6	....	6	....	1898
Sept. 26	Holly Advertiser, The	Holly	Printed matter	2	1	3	....	1898
Sept. 26	Holly Garage	Holly	Auto repairing	3	....	3	....	1912
Sept. 26	Holly Herald, The	Holly	Printed matter	1	1	2	....	1901
Sept. 26	Independent Power Co	Holly	Electricity	4	....	4	....	1912
Sept. 26	McLaughlin Bros	Holly	Feed and grain	3	16	19	....	1900
Sept. 26	Michigan Truck & Lumber Co., The	Holly	Lumber	27	1	28	....	1911
Sept. 26	Patterson Mfg. Co., The	Holly	Wagons	49	1	50	....	1901
Sept. 26	Perry Mfg. Co., The	Holly	Stanchions	4	....	4	....	1912
Sept. 26	Ryan's Livery	Holly	Passenger service	2	....	2	....	1905
Sept. 26	Seeley, C. C	Holly	Coal and wood	3	1	4	....	1902
Sept. 26	Wendell, M. H	Holly	Farm produce	8	1	9	....	1905
Oct. 2	Black Mfg. Co	Milford	Book cases	16	....	16	....	1909
Oct. 2	Boyle, D	Milford	Feed and produce	3	8	11	....	1904
Oct. 2	DeGarmo, E. S	Milford	Lumber	2	....	2	....	1912
Oct. 2	Dever, Wm	Milford	Blacksmithing	2	....	2	....	1872
Oct. 2	Harmon Livery	Milford	Passenger service	2	....	2	....	1900
Oct. 2	Honchen, Chas	Milford	Meats	3	....	3	....	1901
Oct. 2	Lockwood, R. B	Milford	Auto repairing	2	....	2	....	1912
Oct. 2	Michigan State Telephone Co	Milford	Telephone service	1	5	6	....	1913
Oct. 2	Milford Electrical Co	Milford	Electricity	3	....	3	....	1893
Oct. 2	Milford Water Works	Milford	Water	2	....	2	....	1895
Oct. 2	Pettibone Mills	Milford	Produce	3	....	3	....	1913
Oct. 2	Potts, H. C	Milford	Auto repairing	2	....	2	....	1907
Oct. 2	Beach, Lou	New Hudson	Feed and produce	2	7	9	....	1911
Oct. 2	Towar's Wayne County Creamery	New Hudson	Dairy products	2	....	2	....	1912
Oct. 2	Warner, Fred M. Cheese Co	Novi	Dairy products	1	....	1	....	1900
Oct. 3	Orion Review, The	Orion	Printed matter	2	1	3	....	1883
Oct. 3	Orion Telephone Co	Orion	Telephone service	1	2	3	....	1900
Oct. 3	Perrie Style Shop	Orion	Millinery	.....	2	2	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	OAKLAND CO.—*Con.*							
Oct. 3	Pulver, Clinton	Orion	Meats	4	....	4	....	1907
Oct. 3	Speaker & Son	Orion	Auto repairing	3	....	3	....	1906
Oct. 3	Winter, William	Orion	Lumber	2	....	2	....	1902
Oct. 3	Bailey, E. O	Oxford	Farm implements	3	....	3	....	1912
Oct. 3	Cole, Myrtle	Oxford	Millinery	....	2	2	....	1913
Oct. 3	Detwiler, A. E	Oxford	Auto repairing	2	....	2	....	1910
Oct. 3	Fritch, H. A	Oxford	Passenger service	2	....	2	....	1912
Oct. 3	Gardner, Mrs. John	Oxford	Millinery	....	3	3	....	1881
Oct. 3	Green, G. T	Oxford	Meats	4	2	6	....	1882
Oct. 3	Meriam, C. A	Oxford	Harness	3	....	3	....	1893
Oct. 3	Oxford Bakery & Confectionery	Oxford	Baked goods	2	1	3	....	1912
Oct. 3	Oxford Leader, The	Oxford	Printed matter	2	2	4	....	1898
Oct. 3	Szekeres, L	Oxford	Blacksmithing	3	....	3	....	1905
Sept. 15	Ainge Electric Co	Pontiac	Electrical supplies	4	1	5	....	1913
Sept. 16	Auto Painting & Trimming Co	Pontiac	Painting and trimming	182	17	199	....	1907
Sept. 17	Auto Painting & Trimming Co	Pontiac	Painting and trimming	12	....	12	....	1913
Sept. 16	Auto Tire Repair Works	Pontiac	Vulcanizing	3	1	4	....	1910
Sept. 19	Bacon Mfg. Co	Pontiac	Implements	4	....	4	....	1896
Sept. 22	Beatham, G. L	Pontiac	Blacksmithing	2	....	2	....	1910
Sept. 17	Beaudett, O. J. Co	Pontiac	Auto bodies	812	2	814	....	1890
Sept. 19	Bishop, E. E. Printing Co	Pontiac	Job printing	5	....	5	....	1913
Sept. 24	Bowman, A. P. & Son	Pontiac	Repairing	4	....	4	....	1908
Sept. 19	Brace Leather Goods Co., The	Pontiac	Leather goods	8	....	8	....	1902
Sept. 15	Burlingham, S. H	Pontiac	Plumbing	14	....	14	1	1905
Sept. 16	Burton's, A. H. & J	Pontiac	Cleaning and pressing	3	1	4	....	1901
Sept. 16	Cadillac Meat Market	Pontiac	Meats	2	....	2	....	1910
Sept. 16	Cadillac Meat Market	Pontiac	Meats	6	1	7	....	1909
Sept. 16	Cartercar Co	Pontiac	Automobiles	262	25	287	....	1907
Sept. 15	Champlin, Egbert	Pontiac	Job printing	2	....	2	....	1876
Sept. 17	Clack Bros	Pontiac	Meats	2	....	2	....	1910
Sept. 17	Cleary & Burlingham	Pontiac	Millinery	....	5	5	....	1909
Sept. 26	Commercial Press, The	Pontiac	Job printing	2	....	2	....	1911
Sept. 17	Corwin, A. A. & Son	Pontiac	Lumber and coal	9	1	10	....	1890
Sept. 17	DePuy, C. E. Co., The	Pontiac	Seeds, etc	7	22	29	....	1900
Sept. 16	Donaldson, B. W. & Co	Pontiac	Lumber and roofing	7	....	7	....	1908
Sept. 22	Eastern Michigan Edison Co	Pontiac	Electricity	4	....	4	....	1910
Sept. 18	Folsom, L. O	Pontiac	Meat	3	....	3	....	1905
Sept. 16	Gates Bros. & Fosdick	Pontiac	Coal, wood and feed	8	1	9	....	1911
Sept. 23	Gaukler, H. P. Co	Pontiac	Coal, coke and ice	30	1	31	....	1901
Sept. 19	Gem Wire Fence Co	Pontiac	Farm implements	2	1	3	....	1905
Sept. 16	General Motors Truck Co	Pontiac	Trucks	324	18	342	....	1907
Sept. 25	Going, Parkins Shoe Co	Pontiac	Shoe repairing	1	....	1	....	1905
Sept. 17	Granger's Cafe	Pontiac	Oysters	5	3	8	....	1897
Sept. 17	Hess-Pontiac Spring & Axle Co	Pontiac	Springs and axles	235	3	238	1	1905
Sept. 17	Hollway Bros	Pontiac	Meat	5	1	6	....	1888
Sept. 19	Howden Livery	Pontiac	Passenger service	3	....	3	....	1893
Sept. 22	Hubbard, M. D. Spring Co	Pontiac	Springs	13	....	13	....	1905
Sept. 19	Huntoon, W. P	Pontiac	Feed	2	....	2	....	1906
Sept. 19	Huron Garage	Pontiac	Auto repairing	3	1	4	....	1911
Sept. 24	Inch & Rambau	Pontiac	Monuments	6	....	6	....	1899
Sept. 16	J. & C. Bakery	Pontiac	Baked goods	4	3	7	1	1913
Sept. 18	Kremer Bros	Pontiac	Baked goods	3	2	5	....	1856
Sept. 16	Ma Guill, R. F	Pontiac	Blacksmithing	2	....	2	....	1903
Sept. 23	Mascotte Cigar Co	Pontiac	Cigars	30	12	42	....	1877
Sept. 25	Merrit & Tompkins	Pontiac	Shoe repairing	1	....	1	....	1900

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Factory Inspection.—Continued.

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	OAKLAND CO.—*Con.*							
Sept. 23	Michigan Dry Cleaning & Repair Co., The	Pontiac	Dry cleaning	3	1	4	....	1913
Sept. 24	Michigan Printing Co	Pontiac	Job printing	7	....	7	....	1905
Sept. 24	Michigan State Telephone Co	Pontiac	Telephone service	18	51	69	1	1880
Sept. 19	Millen Baking Co	Pontiac	Baked goods	9	4	13	....	1912
Sept. 16	Miller, J. F. & Son	Pontiac	Baked goods	5	2	7	....	1850
Sept. 16	Millis, Frank L	Pontiac	Coal and lumber	5	1	6	....	1883
Sept. 19	Milward, F. S	Pontiac	Auto repairing	4	....	4	....	1912
Sept. 17	Montier, Mary E	Pontiac	Millinery	.....	8	8	....	1899
Sept. 17	Morton & Moose	Pontiac	Millinery	.....	5	5	....	1910
Sept. 16	Monroe Body Co	Pontiac	Auto bodies	309	1	310	....	1907
Sept. 16	National Express Co	Pontiac	Express service	11	....	11	....	.....
Sept. 22	Northway Motor & Mfg. Co	Pontiac	Motors	116	1	117	....	1913
Sept. 17	Nusbaumer & Steiner	Pontiac	Millinery	.....	6	6	....	1908
Sept. 19	Nye, Ed	Pontiac	Blacksmithing	2	....	2	....	1875
Sept. 24	Nye, Frank	Pontiac	Blacksmithing	3	....	3	....	1886
Sept. 18	Oakland Motor Car Co	Pontiac	Automobiles	678	56	734	....	1908
Sept. 16	Oakland Steam Laundry Co	Pontiac	Laundry	4	9	13	....	1913
Sept. 15	O'Brien, J. W	Pontiac	Passenger service	3	....	3	....	1910
Sept. 22	Oliver Co., The	Pontiac	Soft drinks	6	1	7	....	1884
Sept. 25	Pauli, Henri	Pontiac	Shoe repairing	1	....	1	....	1898
Sept. 17	Peoples Cash Market	Pontiac	Meats	4	....	4	....	1912
Sept. 19	Plating, A. & G. Co., Ltd	Pontiac	Plating	4	....	4	....	1912
Sept. 23	Pontiac Auto Garage	Pontiac	Auto repairing	4	....	4	....	1912
Sept. 17	Pontiac Brewery Co	Pontiac	Beer	19	....	19	....	1900
Sept. 19	Pontiac Brush Co	Pontiac	Brushes	8	4	12	....	1910
Sept. 23	Pontiac Foundry & Machine Co	Pontiac	Machine repairing	17	1	18	....	1913
Sept. 19	Pontiac Glass Co	Pontiac	Glazing	2	....	2	....	1912
Sept. 24	Pontiac Knitting Co	Pontiac	Woolen goods	2	....	2	....	1873
Sept. 15	Pontiac Light Co	Pontiac	Gas and coke	38	5	43	....	1862
Sept. 16	Pontiac Lumber Yard	Pontiac	Lumber	8	1	9	....	1910
Sept. 19	Pontiac Merchants Delivery Co	Pontiac	Delivery service	16	1	17	....	1907
Sept. 24	Pontiac Paint Mfg. Co	Pontiac	Paints	4	....	4	....	1912
Sept. 16	Pontiac Power Co	Pontiac	Electricity	14	....	14	....	1910
Sept. 17	Pontiac Press Gazette, The	Pontiac	Printed matter	18	5	23	....	1838
Sept. 18	Pontiac State Hospital	Pontiac	State institution	.....	....	.....	....	.....
Sept. 17	Pontiac Steam Laundry	Pontiac	Laundry	8	34	42	....	1886
Sept. 16	Pontiac Varnish Co	Pontiac	Varnish	4	1	5	....	1912
Sept. 17	Pontiac Water Works	Pontiac	Water	6	....	6	....	1888
Sept. 18	Poole, F. J	Pontiac	Cement, lumber, etc	15	....	15	....	1896
Sept. 23	Postal Telegraph Co	Pontiac	Telegraph service	5	....	5	....	1906
Sept. 16	Purse, R. H	Pontiac	Auto repairing	4	1	5	....	1909
Sept. 15	Richmond-Dewey Co	Pontiac	Coal and building material	5	....	5	....	1912
Sept. 19	Rimington, Thos. W	Pontiac	Plumbing	4	1	5	....	1910
Sept. 24	Slater Construction Co	Pontiac	Builders' supplies	18	5	23	....	1909
Sept. 16	Speck & Burdette	Pontiac	Auto repairing	4	....	4	....	1913
Sept. 17	Star Bakery	Pontiac	Baked goods	5	2	7	....	1910
Sept. 22	Stevens, J. A	Pontiac	Vulcanizing	2	....	2	....	1913
Sept. 17	Stout, Ed	Pontiac	Passenger service	7	....	7	....	1900
Sept. 15	Stuart, F. J	Pontiac	Feed	3	....	3	....	1906
Sept. 16	Studebaker Corporation, The	Pontiac	Auto parts	97	2	99	....	1913
Sept. 17	Taylor, C. V. Co	Pontiac	Auto tops	34	30	64	....	1912
Sept. 23	United States Express Co	Pontiac	Express service	5	....	5	....	1908
Sept. 23	Vanatta, R. S	Pontiac	Passenger service	3	....	3	....	1908
Sept. 16	Voorhees, John J. & Son	Pontiac	Passenger service	2	....	2	....	1913
Sept. 16	Webb, G. A	Pontiac	Meats	4	1	5	....	1907

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	OAKLAND CO.—*Con.*							
Sept. 17	Webb, W. P.	Pontiac	Meats	3	....	3	....	1912
Sept. 16	Western Union Telegraph Co., The	Pontiac	Telegraph service	6	....	6	....	.....
Sept. 16	Whitfield, Frank R.	Pontiac	Meats	3	....	3	....	1907
Oct. 3	Ayers, Mrs. A. R.	Rochester	Millinery	.....	3	3	....	1912
Oct. 3	Central Meat Market	Rochester	Meats	2	....	2	....	1904
Oct. 3	De Baene Co.	Rochester	Meats	2	....	2	....	1909
Oct. 3	Detroit United Railway	Rochester	Car repairing	9	....	9	....	1900
Oct. 3	Eastern Michigan Edison Co.	Rochester	Electricity	8	....	8	....	1907
Oct. 3	Rochester Auto Garage	Rochester	Auto repairing	3	....	3	....	1911
Oct. 3	Rochester Steam Laundry	Rochester	Laundry	3	3	6	....	1901
Oct. 3	Voltz, Misses	Rochester	Millinery	.....	2	2	....	1911
Sept. 30	Baranowski, Walter	Royal Oak	Blacksmithing	2	....	2	....	1902
Sept. 30	Eastern Michigan Edison Co.	Royal Oak	Electricity	4	....	4	....	1911
Sept. 30	Mellen-Wright Lumber Co.	Royal Oak	Lumber, coal, etc.	13	1	14	....	1909
Sept. 30	Royal Oak Tribune	Royal Oak	Job printing	2	....	2	....	1913
Sept. 30	Tolles & Unger	Royal Oak	Meats	3	....	3	....	1909
Oct. 2	Detroit Creamery Co.	South Lyon	Dairy products	1	....	1	....	1898
Oct. 2	Eastern Michigan Edison Co.	South Lyon	Electricity	1	....	1	....	1912
Oct. 2	McLaren, J. D. Co., The	South Lyon	Grain and produce	2	10	12	....	1895
Oct. 2	South Lyon Feed Mill, The	South Lyon	Feed	3	....	3	....	1912
Oct. 2	South Lyon Herald, The	South Lyon	Printed matter	1	1	2	....	1908
Oct. 2	Sprague, Chas.	South Lyon	Lumber	2	....	2	....	1889
Oct. 2	Van Atta, F. J.	South Lyon	Meats	3	....	3	....	1912
	OCEANA COUNTY.							
Dec. 10	Bergeon, D. A.	Hart	Harness	2	....	2	....	1897
Dec. 10	Colby & Spitler Co.	Hart	Hardware	7	1	8	....	1906
Dec. 10	Corbin, F. L.	Hart	Produce	4	....	4	....	1893
Dec. 10	Dayharsh Bros.	Hart	Printed matter	2	1	3	....	1870
Dec. 10	Graff, Geo. L.	Hart	Repairing	2	....	2	....	1911
Dec. 10	Hansen, H. E.	Hart	Custom clothing	3	....	3	....	1907
Dec. 10	Hart Auto Co.	Hart	Auto repairing	2	....	2	....	1913
July 17	Hart Cedar & Lumber Co.	Hart	Lumber and shingles	38	....	38	....	1885
Dec. 10	Hutchins, D. Burns	Hart	Produce	3	5	8	....	1906
Dec. 10	Lewellyn & Wachter	Hart	Produce	4	....	4	....	1908
Dec. 10	McFarren, I. G.	Hart	Baked goods	1	2	3	....	1911
Dec. 10	Noret, Mrs. E. L.	Hart	Millinery	.....	1	1	....	1913
Dec. 10	Oceana County Cider & Vinegar Co.	Hart	Cider, etc.	14	1	15	....	1909
Dec. 10	Oceana Republican, The	Hart	Printed matter	2	1	3	....	1902
July 17	Oceana Steam Laundry	Hart	Laundry	2	3	5	....	1896
July 17	Powers, E. S. Butter Co.	Hart	Dairy products	4	1	5	....	1905
Dec. 10	Riddle, R. W.	Hart	Dressed lumber	3	....	3	....	1906
July 17	Roach, W. R. & Co.	Hart	Canned goods	115	42	157	3	1902
Dec. 10	Stearns Lighting & Power Co., The	Hart	Light and power	2	....	2	....	1911
Dec. 13	Hesperia Milling Co.	Hesperia	Flour and feed	2	....	2	....	1906
Dec. 13	Hesperia Union, The	Hesperia	Printed matter	1	1	2	....	.....
Dec. 13	Newlun, V. E.	Hesperia	Feed and lumber	3	....	3	....	1908
Dec. 13	Seymour, Manley C.	Hesperia	Harness	1	....	1	....	1901
Dec. 13	Village of Hesperia	Hesperia	Water	1	....	1	....	.....
Dec. 11	New Era Creamery	New Era	Dairy products	3	....	3	....	1903
Dec. 11	Conger, J. B.	New Era	Produce	3	3	6	....	1895
Dec. 9	Bates, E. L.	Pentwater	Job printing	2	1	3	....	1893
July 15	Buss Mfg. Co.	Pentwater	Machinery	11	1	12	....	1912
July 15	Butchers Friend Saw Co.	Pentwater	Saws	1	....	1	....	1908
Dec. 9	Lagesen, Fred	Pentwater	Baked goods	2	1	3	....	1893

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Factory Inspection.—Continued.

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	OCEANA CO.—*Con.*							
Dec. 9	Saunders-Chase Co., The	Pentwater	Machinery	5	1	6	....	1910
July 14	Sears & Nichols Co., The	Pentwater	Canned goods	146	71	217	20	1901
Dec. 9	Stearns Lighting & Power Co., The	Pentwater	Light and power	1	....	1	....	1911
Dec. 9	Tebbets, Joseph	Pentwater	Harness	1	....	1	....	1907
Dec. 11	Bowerman, Miss Jennie	Shelby	Millinery	.....	1	1	....	1907
Dec. 11	Conger & Tallant	Shelby	Produce	4	....	4	....	1906
Dec. 11	Eesley, C. L. Milling Co	Shelby	Flour and feed	5	....	5	....	1912
Dec. 11	Ellis, C. E	Shelby	Produce	3	....	3	....	1899
July 16	Harrison Basket Co	Shelby	Baskets and crates	31	15	46	....	1898
Dec. 11	Kemink, J. R	Shelby	Custom clothing	2	....	2	....	1911
Dec. 11	Kennedy, C. L	Shelby	Harness	1	....	1	....	1911
July 16	Lewellyn, F. E	Shelby	Beans, produce, etc	11	....	11	....	1909
Dec. 11	Munson, Albert	Shelby	Blacksmithing	2	....	2	....	1910
July 16	Oceana Canning Co	Shelby	Canned goods	18	3	21	....	1900
Dec. 11	Oceana Herald, The	Shelby	Printed matter	2	2	4	....	1888
Dec. 11	Roth, D. W	Shelby	Auto repairing	1	....	1	....	1913
Dec. 11	Sargent, M. J	Shelby	Plumbing	1	....	1	....	1895
July 16	Shelby Basket Co	Shelby	Baskets and crates	31	10	41	....	1896
July 16	Shelby Dairy Co	Shelby	Dairy products	2	....	2	....	1907
Dec. 11	Shelby Steam Laundry	Shelby	Laundry	1	1	2	....	1903
Dec. 11	Stearns Lighting & Power Co., The	Shelby	Light and water	1	....	1	....	1912
July 11	Wentsloff Bros	Shelby	Blacksmithing	4	....	4	....	1909
	OGEMAW COUNTY.							
Aug. 27	Robinson, S. A. Lumber Co	Goodar	Lumber	34	....	34	....	1908
Aug. 28	Ogemaw Cream Cheese Co., Ltd., The	Lupton	Cheese	1	....	1	....	1911
Aug. 5	Leslie Bros	Prescott	Auto repairing	2	....	2	....	1913
Aug. 5	Michigan Pickle Co	Prescott	Pickles	2	....	2	....	1913
Aug. 5	Oswald, C. L	Prescott	Blacksmithing	2	....	2	....	1912
Aug. 5	Prescott Elevator Co	Prescott	Feed, beans, etc	4	24	28	....	1905
Aug. 5	Prescott News, The	Prescott	Printed matter	2	2	4	....	1911
Aug. 5	Stienborn, M	Prescott	Knit goods	1	1	2	....	1913
Aug. 5	Wilson, John	Prescott	Lumber, lath, etc	6	....	6	....	1906
Aug. 27	Cook, W. A	Rose City	Dairy products	2	....	2	....	1910
Aug. 28	Edmunds Bros. & Grawberg	Rose City	Meats	2	....	2	....	1912
Aug. 28	Joslin & Rice	Rose City	Farm implements	6	1	7	....	1908
Aug. 27	Monaghan & Zailer	Rose City	Electricity	2	....	2	....	1906
Aug. 28	Randall, Lottie	Rose City	Millinery	.....	3	3	....	1903
Aug. 27	Rose City Elevator Co	Rose City	Farm produce	4	12	16	....	1912
Aug. 27	Rose City Mfg. Co	Rose City	Cooperage	47	1	48	....	1893
Aug. 28	Rose City Review, The	Rose City	Printed matter	1	1	2	....	1903
Aug. 28	Willman, Chris	Rose City	Baked goods	1	1	2	....	1913
Aug. 27	Zailer, Conrad	Rose City	Flour and feed	2	....	2	....	1902
Sept. 23	Batchelor Timber Co	West Branch	Lumber	29	....	29	....	1907
Sept. 22	Diebold, George	West Branch	Produce	2	1	3	....	1912
Sept. 22	Herald-Times, The	West Branch	Printed matter	3	2	5	....	1878
Sept. 23	Hobohn, William	West Branch	Baked goods	2	....	2	....	1900
Sept. 22	Ogemaw Grain & Seed Co	West Branch	Farm products	3	13	16	....	1904
Sept. 23	Pioneer Iron Works	West Branch	Steam fittings	4	....	4	....	1898
Sept. 23	Shaffner, S. D. & Son	West Branch	Meats	5	....	5	....	1907
Sept. 23	Stobie, Mae	West Branch	Millinery	.....	2	2	....	1911
Sept. 22	Thompson, John	West Branch	Blacksmithing	3	....	3	....	1893
Sept. 22	West Branch Creamery	West Branch	Dairy products	2	....	2	....	1906
Sept. 23	Wilson, William	West Branch	Blacksmithing	2	....	2	....	1887

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	ONTONAGON COUNTY.							
Dec. 23	Algomah Mining Co	Lake Mine	Copper	22	....	22	....	1910
Dec. 23	Indiana Mining Co	Lake Mine	Copper	30	....	30	....	1909
Dec. 23	North Lake Mining Co	Lake Mine	Copper	14	....	14	....	1908
Dec. 23	South Lake Mining Co	Lake Mine	Copper	42	....	42	....	1909
Dec. 22	City Meat Market	Ontonagon	Meats	2	....	2	....	1913
Dec. 22	Ducleaux, Ed	Ontonagon	Boots and shoes	1	....	1	....	1907
Dec. 22	Greenwood Lumber Co	Ontonagon	Wood products	403	....	403	....	1908
Dec. 22	Labyak, John	Ontonagon	Meats	2	....	2	....	1913
Dec. 22	Norton Lumber Co., Inc	Ontonagon	Lumber	140	....	140	....	1912
Dec. 23	Ontonagon Bakery, The	Ontonagon	Baked goods	2	1	3	....	1913
Dec. 23	Ontonagon Creamery Co	Ontonagon	Dairy products	2	....	2	....	1903
Dec. 22	Ontonagon Electric Light & Water Works	Ontonagon	Light and water	5	....	5	....	1896
Dec. 22	Ontonagon Herald, The	Ontonagon	Printed matter	2	2	4	....	1907
Dec. 22	Perron, Edgar J	Ontonagon	Wagons	4	....	4	....	1899
Dec. 22	Scharf, Frank	Ontonagon	Custom clothing	2	1	3	....	1895
Dec. 23	Willman, J. S	Ontonagon	Custom clothing	4	....	4	....	1900
	OSCEOLA COUNTY.							
Dec. 22	Dean, E	Dighton	Grain	2	....	2	....	1910
Dec. 22	Jones & Green Flooring Co	Dighton	Flooring	36	....	36	....	1906
Dec. 19	American Logging Tool Co	Evart	Tools	65	3	68	....	1905
Dec. 19	Davey & Co	Evart	Beans	2	13	15	....	1905
Dec. 19	Evart Creamery Co	Evart	Dairy products	5	1	6	....	1907
Dec. 19	Evart Machine & Auto Repair Works	Evart	Auto repairing	3	....	3	....	1910
Dec. 19	Evart Milling Co	Evart	Flour	3	1	4	....	1894
Dec. 19	Evart Planing Mill	Evart	Lumber, etc	3	....	3	....	1898
Dec. 19	Evart Review, The	Evart	Printed matter	2	2	4	....	1871
Dec. 19	Evart Steam Laundry	Evart	Laundry	1	2	3	....	1905
Dec. 19	Evart Water & Light Plant	Evart	Light and water	3	....	3	....	1889
Dec. 20	Hersey Creamery Co	Hersey	Dairy products	2	....	2	....	1913
Dec. 20	Hersey Milling Co	Hersey	Flour, etc	4	20	24	....	1873
Dec. 24	Grant, C. H	Le Roy	Lumber	2	....	2	....	1890
Dec. 24	Le Roy Creamery Co., The	Le Roy	Dairy products	2	....	2	....	1903
Dec. 24	Lutz & Schramm Co	Le Roy	Pickles	2	....	2	....	1907
Dec. 24	Smith, R. E	Le Roy	Feed, etc	2	....	2	....	1907
Dec. 24	Sun, The	Le Roy	Printed matter	2	1	3	....	1878
Dec. 23	Marion Dispatch, The	Marion	Printed matter	3	2	5	....	1889
Dec. 23	Marion Grain Co., The	Marion	Grain, etc	4	16	20	....	1906
Dec. 23	Marion Roller Mills	Marion	Flour	2	....	2	....	1888
Dec. 23	Stone & Stone	Marion	Electricity	2	....	2	....	1905
Dec. 23	Wagner, J. B	Marion	Interior finish	3	1	4	....	1911
Dec. 23	Du Roy Mfg. Co., The	Park Lake	Wood turning, etc	36	9	45	1	1907
Dec. 29	Babcock Grain Co	Reed City	Beans, etc	5	8	13	....	1897
Dec. 29	Curtiss Bros	Reed City	Beans, etc	5	6	11	....	1893
Dec. 29	Horner, Wm	Reed City	Flooring	148	2	150	6	1882
Dec. 29	Ideal Mfg. Co	Reed City	Repairing	3	....	3	....	1910
Dec. 29	Osceola County Herald	Reed City	Printed matter	4	1	5	1	1888
Dec. 29	Osceola Light & Power Co	Reed City	Electricity	3	1	4	....	1909
Dec. 29	McInnis, H. E	Reed City	Cigars	1	1	2	....	1902
Dec. 29	Michigan Wood Preserving Co	Reed City	Railroad ties	15	....	15	....	1913
Dec. 29	Reed City Butter Co	Reed City	Dairy products	2	....	2	....	1908
Dec. 29	Reed City Clarion, The	Reed City	Printed matter	3	2	5	1	1872
Dec. 29	Reed City Water Works	Reed City	Water	1	....	1	....	1878
Dec. 19	Reed City Woolen Mills	Reed City	Blankets	3	5	8	....	1883
Dec. 29	Stowe, Frank W	Reed City	Lumber	11	....	11	....	1908
Dec. 29	Weldin, E. A	Reed City	Furnaces	2	....	2	....	1906
Dec. 29	Welsh & Kerry Co	Reed City	Flooring	40	2	42	....	1890
Dec. 24	Tustin Times, The	Tustin	Printed matter	2	2	4	....	1902

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	OTSEGO COUNTY.							
Dec. 24	Elmira Garage	Elmira	Auto repairing	1	....	1	....	1908
Dec. 24	Grand Rapids & Indiana Ry. Co	Elmira	Car repairing	6	....	6	....	1906
Dec. 24	Weaver, William & Son	Elmira	Harness	2	....	2	....	1907
Dec. 24	Weaver, William & Son	Elmira	Feed, etc	3	....	3	....	1907
Dec. 20	Bolton & Co	Gaylord	Hardware	2	....	2	....	1881
Dec. 20	Brodie & Qua	Gaylord	Hardware	3	....	3	....	1879
Dec. 20	Butcher, G. G	Gaylord	Baked goods	3	2	5	....	1912
Dec. 20	Carr & Son	Gaylord	Meats	2	....	2	....	1909
Dec. 19	Dayton Last Block Works	Gaylord	Last blocks	61	1	62	....	1894
Dec. 20	Electric Light & Water Commission	Gaylord	Light and water	5	....	5	....	1896
Dec. 20	Gaylord Hardware Co	Gaylord	Hardware	3	....	3	....	1910
Dec. 20	Gaylord Mfg. Co., The	Gaylord	Machinery	9	1	10	....	1902
Dec. 20	Hankey Milling Co	Gaylord	Flour and feed	3	....	3	....	1907
Dec. 20	Harrington, Claud R	Gaylord	Baked goods	2	1	3	....	1913
Dec. 20	Kramer, J	Gaylord	Custom clothing	1	2	3	....	1905
Dec. 20	Maddock, A. J	Gaylord	Castings	2	....	2	....	1901
Dec. 20	Nea, Frank J	Gaylord	Meats	2	....	2	....	1905
Dec. 19	Otsego County Advance	Gaylord	Printed matter	3	1	4	....	1911
Dec. 19	Otsego County Herald & Times	Gaylord	Printed matter	3	1	4	....	1874
Dec. 19	Piehl, David & Co	Gaylord	Flour and feed	2	....	2	....	1898
Dec. 20	Scheur, Allen	Gaylord	Meats	5	....	5	....	1908
Dec. 22	Johannesburg Mfg. Co	Johannesburg	Lumber	141	....	141	....	1901
Dec. 23	Electric Light & Power Plant	Vanderbilt	Light and power	3	....	3	....	1910
Dec. 23	Yuill Bros	Vanderbilt	Lumber	168	....	168	....	1882
Dec. 23	Kelley, Frank	Vanderbilt	Lumber	21	....	21	....	1900
Dec. 23	Nichols, Noyce	Vanderbilt	Feed, etc	2	....	2	....	1910
Dec. 22	Stephens, Henry & Co., Inc	Waters	Lumber	359	....	359	....	1885
	OTTAWA COUNTY.							
Aug. 7	Beaverdam Creamery	Beaverdam	Dairy products	3	....	3	....	1900
Aug. 13	Blink Bros	Berlin	Feed and meal	2	....	2	....	1903
Aug. 7	Borculo Creamery Co	Borculo	Dairy products	3	....	3	....	1898
Aug. 13	Farmers Co-Operative Creamery Ass'n	Conklin	Dairy products	2	....	2	....	1913
Aug. 13	Smith, L. M	Conklin	Flour and feed	2	....	2	....	1898
Aug. 13	Williams Bros. Co., The	Conklin	Pickles	2	....	2	....	1913
Aug. 12	Co-Operative Creamery Co	Coopersville	Dairy products	6	....	6	....	1892
Aug. 12	Coopersville Sun, The	Coopersville	Printed matter	2	1	3	....	1911
Aug. 12	Coopersville Water Works	Coopersville	Water	1	....	1	....	1904
Aug. 12	Daggett, E. P. Canning Co	Coopersville	Canned goods	36	16	52	5	1912
Aug. 12	Hemken, L. J	Coopersville	Dairy products	2	....	2	....	1911
Aug. 12	Mooney, John & Son	Coopersville	Flour and feed	1	....	1	....	1906
Aug. 12	Thompson, G. W	Coopersville	Blacksmithing	2	....	2	....	1912
Aug. 7	Crisp Creamery Butter Co	Crisp	Butter	2	....	2	....	1907
Aug. 11	Bramer, John	Ferrysburg	Cement blocks	2	....	2	....	1911
Aug. 11	Holtrop, John	Ferrysburg	Cement blocks	2	....	2	....	1911
Aug. 11	Johnston Bros	Ferrysburg	Boilers	107	....	107	....	1863
Aug. 11	Katt, Claus	Ferrysburg	Boats	5	....	5	....	1907
Aug. 6	Forest Grove Creamery	Forest Grove	Dairy products	2	....	2	....	1908
Aug. 6	Forest Grove Elevator & Feed Co	Forest Grove	Feed	1	....	1	....	1908
Aug. 8	American Brass Novelty Co	Grand Haven	Brass novelties	48	8	56	....	1896
Aug. 9	Ball, Peter	Grand Haven	Cement products	2	....	2	....	1908
Aug. 11	Challenge Refrigerator Co	Grand Haven	Refrigerators	178	....	178	....	1883
Aug. 11	Dake Engine Co	Grand Haven	Engines	74	....	74	....	1887
Aug. 11	Dornbos, H. J. & Bro	Grand Haven	Fish	8	....	8	....	1899

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	OTTAWA CO.—*Con.*							
Aug. 8	Dornbos, Peter	Grand Haven	Cigars	2	2	4	....	1896
Aug. 9	Fountain Specialty Co	Grand Haven	Soda fountains	33	1	34	....	1910
Aug. 11	Franklin Press, The	Grand Haven	Job printing	1	1	2	....	1904
Aug. 8	Grand Haven Baking Co	Grand Haven	Baked goods	13	2	15	1	1901
Aug. 11	Grand Haven Basket Factory	Grand Haven	Baskets, etc	54	14	68	6	1897
Aug. 11	Grand Haven Brass Foundry	Grand Haven	Castings	7	....	7	....	1906
Aug. 8	Grand Haven Daily Tribune	Grand Haven	Printed matter	5	2	7	....	1869
Aug. 8	Grand Haven Light & Power Works	Grand Haven	Light and water	8	1	9	....	1899
Aug. 8	Grand Haven Marble & Granite Works	Grand Haven	Monuments	2	....	2	....	1910
Aug. 9	Heap, Wm. & Sons	Grand Haven	Woodwork	60	2	62	1	1906
Aug. 9	Kinkema, E. P. & Co	Grand Haven	Fish	3	....	3	....	1874
Aug. 8	Kirkham-Mattson Co	Grand Haven	Cabinet specialties	12	1	13	....	.....
Aug. 8	Koelts, Joseph	Grand Haven	Cigars	3	....	3	....	1877
Aug. 8	Maurer, Chas	Grand Haven	Gloves and mittens	6	15	21	....	1907
Aug. 11	Muller, G. J	Grand Haven	Cigars	2	....	2	....	1900
Aug. 9	Ottawa Leather Co	Grand Haven	Leather	210	1	211	....	.....
Aug. 8	Peerless Glove Co	Grand Haven	Gloves and mittens	7	11	18	....	1906
Aug. 8	Riverside Laundry	Grand Haven	Laundry	4	9	13	1	1910
Aug. 8	Seligman, Edward	Grand Haven	Cigars	5	2	7	....	1883
Aug. 8	Smith & McClure	Grand Haven	Auto repairing	2	....	2	....	1913
Aug. 8	Story & Clark Piano Co	Grand Haven	Pianos	298	19	317	....	1901
Aug. 12	VanLopik, Peter	Grand Haven	Blouses	3	16	19	....	1894
Aug. 11	VanZylen, Peter	Grand Haven	Sash, doors and lumber	7	....	7	....	1904
Aug. 8	Verberkmoes, C	Grand Haven	Cigars	4	1	5	....	1888
Aug. 9	White Laundry	Grand Haven	Laundry	3	6	9	....	1890
Aug. 7	Harlem Cheese Factory	Harlem	Cheese	6	....	6	....	1903
July 30	Bay View Furniture Co	Holland	Tables	81	1	82	2	1898
July 31	Beach Milling Co	Holland	Flour and feed	5	1	6	....	1900
Aug. 2	Bishop & Raffensud	Holland	Repairing	2	....	2	....	1901
Aug. 5	Brieve, F. & Sons	Holland	Baked goods	5	4	9	2	1906
Aug. 1	Bush & Lane Piano Co	Holland	Pianos	178	6	184	....	1905
July 29	Buss Machine Works	Holland	Machines	57	2	59	....	1900
July 29	Cappon & Bertsch Leather Co	Holland	Leather	133	2	135	....	1857
July 30	Cappon & Bertsch Leather Co	Holland	Leather	69	....	69	....	.....
July 30	Central Garage	Holland	Repairing	2	....	2	....	1909
July 31	City Garage	Holland	Auto repairing	3	....	3	....	1911
Aug. 2	DeGrondwet Printing House	Holland	Printed matter	11	1	12	....	1860
Aug. 1	DeHope Publishing Co	Holland	Printed matter	7	....	7	....	1848
Aug. 1	DePree Chemical Co., The	Holland	Drugs	27	11	38	2	1905
July 30	Donnelly-Kelly Glass Co., The	Holland	Mirrors	27	....	27	....	1905
Aug. 2	Fliehman, J. W	Holland	Repairing	4	....	4	....	1910
July 30	Globe Carving Works	Holland	Wood carving	5	....	5	....	.....
Aug. 4	Grand Rapids, Holland & Chicago Ry	Holland	Car repairing	35	....	35	....	1898
Nov. 12	Hamilton, J. M	Holland	Barrels	8	....	8	....	1898
July 30	Heinz, H. J. Co	Holland	Vinegar and pickles	97	34	131	2	1898
Aug. 2	Holland Canning Co	Holland	Canned goods	9	25	34	6	1912
Aug. 4	Holland City Brewery	Holland	Beer	5	....	5	....	1879
July 31	Holland City Gas Co	Holland	Gas and coke	10	1	11	....	1903
Aug. 1	Holland Furnace Co	Holland	Furnaces, etc	84	3	87	....	1906
July 30	Holland Furniture Co	Holland	Furniture	157	1	158	1	1893
July 30	Holland Lumber & Supply Co	Holland	Window frames, etc	11	....	11	....	1911
July 31	Holland Mfg. Co	Holland	Furniture	13	....	13	....	1908
Aug. 1	Holland Printing Co	Holland	Job printing	8	1	9	1	1897
Aug. 1	Holland Rod Co., The	Holland	Sporting goods	5	1	6	....	1902
Aug. 5	Holland Rug Co	Holland	Rugs	4	....	4	....	1907

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Factory Inspection.—Continued.

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	OTTAWA CO.—*Con.*							
July 31	Holland Rusk Co	Holland	Rusks	19	31	50	....	1897
Nov. 12	Holland-St. Louis Sugar Co	Holland	Sugar	138	2	140	....	1898
Aug. 1	Holland Sentinel Publishing Co	Holland	Printed matter	10	1	11	1	1895
July 30	Holland Shoe Co	Holland	Shoes	229	146	375	27	1906
Aug. 1	Home Interior Finish Co	Holland	Doors, sash, etc	21	....	21	....	1911
Aug. 2	Hubbard Bicycle & Motorcycle Co	Holland	Bicycle repairing	3	1	4	....	1911
Aug. 2	Huntley, Alfred	Holland	Repairing	3	....	3	....	1892
July 30	Jackson, Fred W	Holland	Repairing	4	1	5	....	1906
July 29	King, O. L. & Co	Holland	Fruit packages	90	68	158	25	1882
Aug. 5	Kleyn Lumber Co	Holland	Lumber and shingles	2	....	2	....	1881
Aug. 4	Kraker, Henry	Holland	Plumbing	5	1	6	....	1908
July 31	Limbert, Charles P Co	Holland	Furniture	227	11	238	6	1906
July 31	Lokker, C. J. & Co	Holland	Butter	8	1	9	....	1886
Aug. 1	Mayhew, P. G. Co	Holland	Bed comforters	2	2	4	....	1910
July 31	Michigan Tea Rusk Co	Holland	Rusks	17	4	21	1	1905
July 31	Model Laundry	Holland	Laundry	7	15	22	1	1907
July 31	Mouw, Henry	Holland	Bicycle repairing	1	1	2	....	1908
July 31	Municipal Light & Power Co	Holland	Light and power	25	1	26	....	1888
July 30	Ottawa Furniture Co	Holland	Furniture	109	4	113	2	1887
July 30	Poole Bros	Holland	Printed matter	22	35	57	....	1906
July 30	Scott-Lugers Lumber Co	Holland	Lumber	13	....	13	....	1897
Aug. 2	Standard Grocer & Milling Co	Holland	Provisions	11	4	15	....	1907
July 29	Superior Cigar Co., The	Holland	Cigars	4	2	6	....	1908
July 29	Superior Pure Ice & Machine Co	Holland	Ice and machinery	7	....	7	....	1909
July 31	Thompson Mfg. Co	Holland	Woodwork	22	1	23	1	1909
Aug. 5	VanDyk, J	Holland	Baked goods	11	4	15	2	1898
Aug. 2	VanEyck Machine Co	Holland	Repairing	1	....	1	....	1905
July 31	VanEyck-Weurding Milling Co	Holland	Flour and feed	6	....	6	....	1909
Aug. 4	VanLandegend, Tyler	Holland	Plumbing	5	....	5	....	1885
July 29	VanTongeren, H	Holland	Cigars	3	4	7	....	1893
Aug. 1	Veterinary Specialty Mfg. Co	Holland	Veterinary supplies	6	1	7	....	1913
July 29	Western Machine Tool Works	Holland	Drills	20	....	20	....	1901
July 29	West Michigan Furniture Co	Holland	Furniture	206	4	210	....	1889
July 29	West Michigan Steam Laundry	Holland	Laundry	8	25	33	7	1887
July 31	Zwemer, H. P	Holland	Hay, feed, etc	4	....	4	....	1902
Aug. 6	Interurban Creamery Co	Jamestown	Dairy products	6	....	6	....	1903
Aug 6	Van Noord, H	Jamestown	Feed	2	....	2	....	1900
Aug. 7	Holland Crystal Creamery	Noordeloos	Dairy products	2	....	2	....	1906
Aug. 12	Brown, Robert S	Nunica	Feed	3	....	3	....	1906
Aug. 12	Co-Operative Creamery Co	Nunica	Butter	1	....	1	....	1902
Aug. 12	Heinz, H. J. Co	Nunica	Pickles	8	....	8	....	1901
Aug 12	Nunica Creamery Co	Nunica	Butter	3	....	3	....	1913
Aug. 11	Barrett, Wm. M	Spring Lake	Boats and engines	6	1	7	....	1908
Aug. 11	Glaser, Crandell C	Spring Lake	Pickles	4	2	6	....	1904
Aug. 6	Vriesland Creamery Co	Vriesland	Dairy products	4	....	4	....	1912
Aug. 6	Colonial Mfg. Co	Zeeland	Furniture	74	4	78	2	1906
Aug. 5	Elenbaas, Peter	Zeeland	Washing machines	2	....	2	....	1909
Aug. 7	Grand Rapids, Holland & Chicago Ry. Co	Zeeland	Electricity	3	....	3	....	1907
Aug. 6	Heinz, H. J. Co	Zeeland	Pickles	4	....	4	....	1901
Aug. 6	Michigan Star Furniture Co	Zeeland	Furniture	58	1	59	....	1889
Aug. 6	Moeke, G. & Sons	Zeeland	Sash, doors, etc	14	1	15	....	1906
Aug. 6	Phenix Cheese Co	Zeeland	Dairy products	23	7	30	1	1910
Aug. 5	Schulmeyer, P. F. & Son	Zeeland	Cigars	2	....	2	....	1898
Aug. 6	Vandepels, H	Zeeland	Repairing	2	....	2	....	1898
Aug. 6	VanEenenaam, H. & Bros	Zeeland	Cigars	17	9	26	....	1893

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Factory Inspection.—Continued.

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	OTTAWA CO.—*Con.*							
Aug. 5	Ver Hage Milling Co	Zeeland	Flour and feed	6	....	6	....	1901
Aug. 6	Wickers, William & Sons	Zeeland	Lumber, lath, etc	10	1	11	....	1896
Aug. 6	Wolverine Furniture Co	Zeeland	Furniture	48	1	49	....	1899
Aug. 6	Zeeland Brick Co	Zeeland	Brick	25	....	25	....	1848
Aug. 5	Zeeland Furniture Mfg. Co	Zeeland	Furniture	74	....	74	....	1890
Aug. 5	Zeeland Light & Water Plant	Zeeland	Light and water	5	....	5	....	.....
Aug. 6	Zeeland Milling Co	Zeeland	Flour and feed	4	1	5	....	1889
Aug. 6	Zeeland Ornamental Co	Zeeland	Trimmings	6	9	15	....	1909
Aug. 6	Zeeland Record Co	Zeeland	Printed matter	4	1	5	....	1908
Aug. 6	Zeeland Rusk Bakery	Zeeland	Rusks	3	2	5	....	1899
	PRESQUE ISLE COUNTY.							
Dec. 10	Michigan Limestone & Chemical Co	Calcite	Limestone, etc	326	....	326	....	1910
Dec. 11	Sellke, Albert	Hawks	Wooden bowls	9	....	9	....	1903
Dec. 11	Stevens, M. G	Hawks	Shingles	6	....	6	....	1909
Dec. 11	Stanley, C. H	Millersburg	Lumber	8	....	8	....	1911
Dec. 8	American Wood Rim Co	Onaway	Wood rims	353	....	353	....	1899
Dec. 6	Annibal, E. J	Onaway	Meats	4	1	5	....	1901
Dec. 8	City o Onaway	Onaway	Water	4	....	4	....	1902
Dec. 6	Fusee, Frank E	Onaway	Lumber	5	....	5	....	1908
Dec. 6	Gardner, Peterman & Co	Onaway	Lumber and staves	92	....	92	....	1897
Dec 8	Lobdell-Emery Mfg. Co., The	Onaway	Lumber, etc	252	....	252	....	1907
Dec. 6	McNalley, Geo. W	Onaway	Feed	3	....	3	....	1902
Dec. 9	Onaway-Alpena Telephone Co	Onaway	Telephone service	2	5	7	....	1912
Dec. 6	Onaway Electric Light & Power Co	Onaway	Light and power	3	1	4	....	1903
Dec. 6	Onaway Inter Lake, The	Onaway	Printed matter	3	2	5	....	1895
Dec. 9	Onaway Iron Works	Onaway	Machinery	2	....	2	....	1902
Dec. 6	Onaway Outlook, The	Onaway	Printed matter	3	1	4	1	1900
Dec. 6	Onaway Steam Laundry	Onaway	Laundry	2	2	4	....	1909
Dec. 6	Rands, Robert N	Onaway	Blacksmithing	3	....	3	....	1903
Dec. 9	Schneider, Chas	Onaway	Baked goods	3	1	4	....	1901
Dec. 6	Waggoner, S. C	Onaway	Meats	4	....	4	....	1910
Dec 6	Wiltshire & Anderson	Onaway	Blacksmithing	4	....	4	....	1905
Dec. 10	Lewandowski, Walter	Posen	Lumber and shingles	12	....	12	....	1905
Dec. 10	Posen Flour & Planing Mill	Posen	Flour	4	....	4	....	1906
Dec. 10	Robinson-Eymer Lumber Co	Posen	Lumber	15	....	15	....	1905
Dec. 10	Fisch, Fred Brewery	Rogers City	Beer	3	....	3	....	1912
Dec. 10	Loud-Hoeft Lumber Co	Rogers City	Forest products	154	1	155	....	.....
Dec. 10	Onaway-Alpena Telephone Co	Rogers City	Telephone service	1	2	3	....	1912
Dec. 10	Presque Isle County Advance	Rogers City	Printed matter	3	1	4	....	1877
Dec. 10	Rogers City Planing Mill	Rogers City	Lumber	4	....	4	....	1912
	ROSCOMMON COUNTY.							
Oct. 9	Curnalia & Duncan	Roscommon	Hardware	2	....	2	....	1913
Oct. 9	Herald Publishing Co., The	Roscommon	Printed matter	2	1	3	....	1907
Oct. 9	Ochs, Isadore	Roscommon	Blacksmithing	2	....	2	....	1893
Oct. 9	Roscommon Electric Light Works	Roscommon	Electricity	1	....	1	....	1900
	SAGINAW COUNTY.							
Nov. 20	Birch Run Leader	Birch Run	Printed matter	2	....	2	....	1911
Nov. 20	Postal Telegraph Co	Birch Run	Telegraph service	1	....	1	....	1909
Nov. 20	Schmitzer, Martin	Birch Run	Blacksmithing	2	....	2	....	1901
Nov. 20	Telephone Exchange	Birch Run	Telephone service	1	1	2	....	1910
Nov. 20	Wolohan, Chas	Birch Run	Grain, hay, etc	14	40	54	....	1898

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	SAGINAW CO.—*Con.*							
Nov. 20	Zehnder Bros	Birch Run	Meats	2	....	2	....	1911
Nov. 20	Zelmder, Mrs. H	Birch Run	Millinery	....	1	1	....	1910
Nov. 20	Baun, Fred	Bridgeport	Meats	1	1	2	....	1912
Nov. 20	Saginaw & Flint Ry. Co	Bridgeport	Power	16	....	16	....	1905
Nov. 28	Chapin Cheese Co., The	Chapin	Dairy products	3	....	3	....	1895
Nov. 28	Chapin Feed Mill	Chapin	Feed	1	....	1	....	1895
Nov. 28	Eckman, J	Chapin	Blacksmithing	1	....	1	....	1896
Nov. 26	American Express Co	Chesaning	Express service	1	....	1	....	1907
Nov. 25	Big Rock Knitting Co	Chesaning	Knit goods	2	16	18	....	1910
Nov. 25	Chesaning Argus, The	Chesaning	Printed matter	3	1	4	....	1877
Nov. 26	Chesaning Auto Co	Chesaning	Auto repairing	3	....	3	....	1909
Nov. 25	Chesaning Grain Co	Chesaning	Farm products	3	16	19	....	1906
Nov. 25	Chesaning Hardware & Implement Co.	Chesaning	Hardware, etc	3	14	17	....	1904
Nov. 26	Chesaning Home Bakery, The	Chesaning	Baked goods	2	1	3	....	1909
Nov. 25	Chesaning Milling Co	Chesaning	Flour and feed	3	....	3	....	1909
Nov. 26	Chesaning Monitor, The	Chesaning	Printed matter	3	1	4	....	1900
Nov. 25	Chesaning Electric Light & Water Wks	Chesaning	Light and water	3	....	3	....	1895
Nov. 26	Chesaning Produce Co	Chesaning	Produce	5	....	5	....	1906
Nov. 25	Doane, L. W	Chesaning	Wood, coal, etc	4	1	5	....	1901
Nov. 26	Farm Produce Co	Chesaning	Produce	2	....	2	....	1913
Nov. 25	Nason, Geo. M	Chesaning	Lumber	3	....	3	....	1900
Nov. 26	Peet, Geo. M. & Son	Chesaning	Meats	6	1	7	....	1885
Nov. 25	Perrot & Stuart	Chesaning	Farm produce	4	13	17	....	1907
Nov. 25	Reid & Featherly	Chesaning	Blacksmithing	3	....	3	....	1900
Nov. 25	Smith Bros	Chesaning	Blacksmithing	2	....	2	....	1911
Nov. 25	Swartsmiller, F. G	Chesaning	Lumber and coal	2	....	2	....	1912
Nov. 26	Tobias, Mme. Florence	Chesaning	Millinery	....	2	2	....	1898
Nov. 21	Cass River Cheese Factory	Frankenmuth	Cheese	2	....	2	....	.....
Nov. 22	Fechter, Ed	Frankenmuth	Tinning	3	....	3	....	1913
Nov. 21	Frankenmuth Brewing Co., The	Frankenmuth	Beer	7	....	7	....	1900
Nov. 21	Frankenmuth Cheese Mfg. Co	Frankenmuth	Cheese	3	1	4	....	1883
Nov. 21	Frankenmuth Milling Co., The	Frankenmuth	Flour and feed	5	....	5	....	1911
Nov. 21	Frankenmuth News, The	Frankenmuth	Printed matter	2	....	2	....	1906
Nov. 21	Frankenmuth Woolen Mill Co	Frankenmuth	Woolen goods	6	10	16	....	1894
Nov. 22	Frankenmuth Woolen Mill Co	Frankenmuth	Cider	3	....	3	....	1894
Nov. 22	Frank, John	Frankenmuth	Sash, doors, etc	2	....	2	....	1910
Nov. 21	Geyer Bros	Frankenmuth	Beer	5	....	5	....	1905
Nov. 21	Habke, Gustav & Son	Frankenmuth	Blacksmithing	4	....	4	....	1909
Nov. 22	Hilbrandt, John	Frankenmuth	Cigars	1	....	1	....	1905
Nov. 21	Hubinger Bros	Frankenmuth	Lumber	11	....	11	....	1888
Nov. 21	Kern, Herman R	Frankenmuth	Custom clothing	1	....	1	....	1911
Nov. 22	Nuechterlein, Adolf	Frankenmuth	Plumbing	3	....	3	....	1910
Nov. 22	Ortner Co., The	Frankenmuth	Meats	1	....	1	....	1904
Nov. 21	Rau, Max	Frankenmuth	Harness	1	....	1	....	1900
Nov. 22	Reichle Bros	Frankenmuth	Blacksmithing	2	....	2	....	1907
Nov. 21	Rummel, Geo. J	Frankenmuth	Blacksmithing	3	....	3	....	1900
Nov. 21	Stahl, Mrs. J. A	Frankenmuth	Millinery	....	2	2	....	1906
Nov. 21	Star of the West Milling Co	Frankenmuth	Flour and feed	6	....	6	....	1905
Nov. 22	Veitengruber Bros	Frankenmuth	Cheese boxes	10	....	10	....	1883
Aug. 27	Carry, G	Freeland	Blacksmithing	1	....	1	....	1913
Aug. 27	Freeland Elevator Co	Freeland	Grain	3	13	16	....	1900
Aug. 27	Freeland Roller Mills	Freeland	Flour and feed	2	....	2	....	1883
Aug. 27	Freeland Star, The	Freeland	Printed matter	4	2	6	....	1908
Aug. 27	Gould, Mrs. E. F	Freeland	Millinery	....	1	1	....	1893
Aug. 27	Merriam, T. J	Freeland	Harness	1	....	1	....	1900
Aug. 27	Peoples Grain Co., The	Freeland	Grain	4	15	19	....	1908
Aug. 27	Thompson & Law	Freeland	Meats	2	....	2	....	1910
Aug. 27	Vasold Bros	Freeland	Dairy products	1	....	1	....	1897
Aug. 27	Zimmerman, Conrad	Freeland	Blacksmithing	1	....	1	....	1908
Aug. 26	Bottcher	Hemlock	Meats	2	....	2	....	1913

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Factory Inspection.—Continued.

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	SAGINAW CO.—*Con.*							
Aug. 26	Bremer, Jas	Hemlock	Harness	1	....	1	....	1901
Aug. 26	Dungey	Hemlock	Blacksmithing	2	....	2	....	1889
Aug. 22	Farmer Printing Co., The	Hemlock	Printed matter	1	....	1	....	1912
Aug. 26	Hemlock Creamery Co	Hemlock	Dairy products	2	....	2	....	1903
Aug. 26	Rick, M. & Co	Hemlock	Lumber, laths	2	1	3	....	1904
Aug. 26	Wehner, A. J	Hemlock	Blacksmithing	2	....	2	....	1906
Aug. 26	Wolohan, Chas	Hemlock	Grain, hay, etc	5	30	35	....	1902
Aug. 22	Boutin, John	Merrill	Lumber. shingles, etc.	4	....	4	....	1895
Aug. 22	Central Michigan Produce Co	Merrill	Produce	1	....	1	....	1905
Aug. 22	Domoran, E. R	Merrill	Cigars	4	....	4	....	1913
Aug. 22	Jachen, A. H	Merrill	Baked goods	2	....	2	....	1912
Aug. 22	Merrill Creamery	Merrill	Dairy products	2	....	2	....	1905
Aug. 22	Merrill Elevator	Merrill	Grain, beans, etc	4	1	5	....	1893
Aug. 22	Merrill Monitor	Merrill	Printed matter	2	....	2	....	1902
Aug. 22	Merrill Roller Mills	Merrill	Flour and feed	2	....	2	....	1892
Aug. 22	Rowland, C	Merrill	Blacksmithing	3	....	3	....	1898
Aug. 22	Sullivan, T. J	Merrill	Blacksmithing	3	....	3	....	1911
Aug. 22	Trahan, Clarence E	Merrill	Meats	2	....	2	....	1900
Nov. 28	Cronenvhet, W. H	Oakley	Blacksmithing	1	....	1	....	1913
Nov. 28	Cole, Roy	Oakley	Meats	3	....	3	....	1910
Nov. 28	Fillinger, B. A	Oakley	Grain and beans	1	....	1	....	1903
Nov. 28	Hall, L. C	Oakley	Farm produce	1	....	1	....	1910
Nov. 28	Oakley Cheese Co	Oakley	Cheese	1	....	1	....	1906
Nov. 28	Oakley Garage, The	Oakley	Auto repairing	1	....	1	....	1912
Nov. 28	Robbennalt, W	Oakley	Blacksmithing	1	....	1	....	1900
Aug. 25	Lohmann, Parker	Paines	Brick and tile	12	....	12	....	1893
Aug. 25	Sperry Bros	Paines	Tile	3	....	3	....	1900
Nov. 28	Havana Roller Mills	Parshalburg	Flour and feed	3	....	3	....	1858
Sept. 19	Achard, Mrs. Oscar Waldemar	Saginaw	Millinery	.....	4	4	2	1913
Oct. 2	Acme Metal Weather Strip Co	Saginaw	Weather strips	2	....	2	....	1910
Nov. 15	Adams, C. F. Co	Saginaw	Custom clothing	2	2	4	1	1876
Oct. 28	Ahern, John	Saginaw	Plumbing	3	1	4	....	1895
Sept. 4	Alderton, Geo. A. & Co	Saginaw	Provisions	14	2	16	....	1877
Nov. 11	Aldrich Blue Streak Messenger Service	Saginaw	Messenger service	6	....	6	....	1906
Oct. 4	Alert Pipe & Supply Co	Saginaw	Pipes and tubing	5	....	5	....	1911
Sept. 25	Allington & Curtis Mfg. Co., The	Saginaw	Dust collecting systems.	26	3	29	....	1888
Sept. 9	American Express Co	Saginaw	Express service	3	....	3	....	1893
Nov. 15	American Express Co	Saginaw	Express service	11	....	11	....	1841
Sept. 6	American Paper Box Co	Saginaw	Paper boxes	4	15	19	....	1906
Oct. 24	Anderson, J. E. Co	Saginaw	Stationery	1	2	3	....	1912
Sept. 25	Argo Electric Vehicle Co	Saginaw	Vehicles	48	2	50	....	1910
Sept. 6	Argo Electric Vehicle Co	Saginaw	Vehicles	14	1	15	....	1912
Oct. 23	Armstrong, Miss Tillie	Saginaw	Millinery	.....	5	5	....	1891
Nov. 13	Art Millinery	Saginaw	Millinery	.....	3	3	....	1911
Nov. 19	Ashland, Charles	Saginaw	Shoe repairing	3	....	3	....	1902
Aug. 29	Asphalt Roofing Co., The	Saginaw	Roofing	4	....	4	....	1892
Nov. 15	Aubry, Chas	Saginaw	Cleaning and pressing	5	7	12	....	1886
Nov. 18	Aubry, L	Saginaw	Cleaning and pressing	2	2	4	....	1911
Sept. 30	Automatic Faucet & Spigot Co	Saginaw	Faucets, etc	18	....	18	....	1909
Oct. 10	Banner Brewing Co	Saginaw	Beer	23	....	23	....	1902
Nov. 8	Barth, Rudolph	Saginaw	Tailoring	4	2	6	....	1906
Oct. 1	Bartlett, A. F. & Co	Saginaw	Castings	67	1	68	....	1854
Oct. 31	Bastian Bros. & Co	Saginaw	Job printing.	9	2	11	....	1893
Oct. 16	Bauer & Hersberg	Saginaw	Tinning	2	....	2	....	1905
Oct. 24	Baseley Market	Saginaw	Meats	3	1	4	....	1911
Nov. 11	Beach Tailoring Co	Saginaw	Custom clothing	16	2	18	....	1886
Sept. 18	Becker Bros	Saginaw	Cisterns	5	1	6	....	1897
Oct. 21	Beck, J. P	Saginaw	Auto repairing	8	1	9	....	1883
Oct. 29	Berka, Adolph	Saginaw	Shoe repairing	1	....	1	....	1912
Sept. 5	Bernhard Co., The	Saginaw	Waists	2	20	22	....	1901

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	SAGINAW CO.—*Con.*							
Aug. 28	Berst Mfg. Co	Saginaw	Toothpicks	46	41	87	....	1900
Oct. 18	Beuthin, Fred	Saginaw	Meats	5	2	7	....	1886
Oct. 13	Bird, Chas. H	Saginaw	Provisions	6	1	7	....	1900
Nov. 7	Birss, Alic & Son	Saginaw	Wagons and sleighs	6	....	6	....	1899
Sept. 9	Blackwell, E. W	Saginaw	Photographs	1	....	1	....	1911
Nov. 17	Blaisdell, M. F	Saginaw	Cut stone	3	....	3	....	1911
Sept. 18	Blatz, John	Saginaw	Provisions	1	1	2	....	1881
Sept. 2	Bliss & Van Auken Lumber Co	Saginaw	Lumber	185	....	185	....	1913
Nov. 1	Bode, W. C	Saginaw	Cigars	1	....	1	....	1907
Oct. 4	Bolton Auto Co	Saginaw	Auto repairing	4	2	6	....	1911
Sept. 25	Booth & Boyd Lumber Co	Saginaw	Lumber	132	3	135	....	1885
Oct. 14	Bowman, C. E	Saginaw	Blacksmithing	1	....	1	....	1895
Oct. 20	Bradley, W. A	Saginaw	Upholstering	2	....	2	....	1913
Sept. 3	Brand & Hardin	Saginaw	Flour and feed	21	42	63	2	1878
Oct. 29	Brandi, R. A	Saginaw	Custom clothing	2	1	3	....	1886
Sept. 20	Breiter, John S	Saginaw	Blacksmithing	4	....	4	....	1902
Nov. 6	Brix, H. H	Saginaw	Furs	2	2	4	....	1879
Sept. 26	Brookz Mfg. Co	Saginaw	Furniture	67	8	75	....	1901
Oct. 25	Broom, F. D	Saginaw	Photographic supplies	2	....	2	....	1908
Sept. 8	Brown Bros	Saginaw	Plumbing	4	1	5	....	1888
Oct. 15	Brown, Fred A	Saginaw	Plumbing	4	1	5	....	1903
Sept. 17	Brown Tool Works	Saginaw	Tools, etc	6	....	6	....	1894
Nov. 5	Brueck, Fred	Saginaw	Harness	1	....	1	....	1888
Aug. 28	Brueck Sectional Book Case Co., The	Saginaw	Book cases	12	....	12	....	1906
Sept. 27	Buckel, Harry	Saginaw	Hides, pelts, etc	3	....	3	....	1900
Oct. 9	Burdick's, H. B. Seed House	Saginaw	Seeds and produce	4	1	5	....	1889
Sept. 6	Busch, F. C	Saginaw	Book binding	1	1	2	....	1873
Sept. 10	Byron, George G	Saginaw	Blacksmithing	3	....	3	....	1907
Oct. 13	Calderwood, A. W. S	Saginaw	Millinery	.....	3	3	....	1873
Nov. 8	Callam Mills	Saginaw	Flour and feed	11	3	14	....	1909
Oct. 25	Campau, C. F	Saginaw	Optical goods	1	....	1	....	1911
Oct. 6	Campbell, A. W	Saginaw	Trimmings	2	....	2	....	1909
Nov. 8	Cannan, C. H	Saginaw	Plumbing	4	1	5	....	1904
Sept. 19	Canutson, Maurice	Saginaw	Bicycle repairing	2	....	2	....	1909
Oct. 18	Carle, Adolph P	Saginaw	Meats	4	....	4	....	1901
Oct. 8	Carlisle, F. W. & Co	Saginaw	Leather goods	6	1	7	....	1863
Oct. 10	Carlisle, F. W. & F	Saginaw	Leather	113	1	114	1	1862
Oct. 2	Carpenter, Lon	Saginaw	Cigars	8	2	10	....	1900
Sept. 20	Carr, Henry W. Co	Saginaw	Flour, feed, etc	12	3	15	....	1908
Oct. 7	Carroll, Wm. D. & Co	Saginaw	Auto repairing	3	1	4	....	1906
Sept. 9	Catterfeld, Edw. F	Saginaw	Printed matter	1	....	1	....	1906
Oct. 31	Central Bakery	Saginaw	Baked goods	2	2	4	....	1913
Nov. 7	Central Cut Glass Co	Saginaw	Cut glass	19	10	29	....	1911
Sept. 12	Central Warehouse Co	Saginaw	Farm implements	6	....	6	....	1909
Sept. 17	Champion Shoe Repair Shop	Saginaw	Repairing	2	....	2	....	1912
Sept. 19	Chase, Madame	Saginaw	Millinery	.....	6	6	3	1903
Oct. 16	City Bakery	Saginaw	Baked goods	2	....	2	....	1892
Sept. 25	Clare Knitting Mills	Saginaw	Knit goods	5	41	46	2	1900
Sept. 20	Clark Hardware Co	Saginaw	Stoves, etc	3	1	4	....	1884
Sept. 18	Clark, Jason	Saginaw	Provisions	3	....	3	....	1889
Oct. 6	Clinkofstine, L. & Co	Saginaw	Junk	11	1	12	....	1891
Sept. 2	Cobb, C. H	Saginaw	Barrels	21	....	21	....	1896
Aug. 29	Columbia Western Mills	Saginaw	Shade rollers	212	44	256	3	1894
Oct. 24	Cone Printing Co., The	Saginaw	Job printing	3	....	3	....	1903
Aug. 30	Consolidated Coal Co	Saginaw	Coal	38	....	38	....	1911
Sept. 12	Consolidated Coal Co	Saginaw	Coal	18	....	18	....	1907
Sept. 12	Consolidated Coal Co	Saginaw	Cement and tile	27	....	27	....	.....
Oct. 31	Consolidated Woolen Mills Co	Saginaw	Custom clothing	2	....	2	....	1912
Nov. 18	Cooney & Smith	Saginaw	Furniture	16	3	19	....	1894
Nov. 15	Cosendai Dye Works	Saginaw	Cleaning and pressing	10	13	23	....	1877

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	SAGINAW CO.—*Con.*							
Nov. 18	Cowles Home Bakery	Saginaw	Baked goods	3	2	5	....	1907
Oct. 1	Cresswell, T. B	Saginaw	Wood, coal, etc	16	....	16	....	1901
Oct. 28	Culver-Deisler Co	Saginaw	Chemicals	6	4	10	....	1881
Sept. 9	Dailey Sign Co	Saginaw	Signs, etc	1	....	1	....	1910
Sept. 20	Daily, W. A	Saginaw	Flour	4	22	26	1	1911
Oct. 16	Dapper, George A	Saginaw	Custom clothing	1	....	1	....	1907
Sept. 8	Daun, Crawford & Co	Saginaw	Electrical supplies	12	1	13	....	1910
Oct. 23	Davidson	Saginaw	Millinery	....	5	5	....	1911
Oct. 8	Dawson, W. H. & Co.	Saginaw	Provisions	4	1	5	....	1910
Sept. 10	Deibel, C. F. M	Saginaw	Cigars	4	....	4	1	1906
Sept. 13	Deibel, John, Jr	Saginaw	Cigars	4	....	4	....	1882
Nov. 6	Dietrich, Mrs. M. A	Saginaw	Millinery	....	6	6	....	1892
Oct. 27	Dittmar, Cooper & Co	Saginaw	Wines	8	....	8	....	1893
Sept. 22	Dittmar & Rath Oil Co	Saginaw	Oils and gasoline	7	....	7	....	1910
Oct. 17	Ditz, J. & Sons	Saginaw	Cigars	13	4	17	....	1886
Nov. 11	Dolph-Dobson Co	Saginaw	Millinery	....	8	8	....	1908
Sept. 27	Duffany, H	Saginaw	Printed matter	1	....	1	....	1908
Oct. 10	Duggan, John J	Saginaw	Coal and wood	3	....	3	....	1907
Oct. 1	Duryea Motor Co	Saginaw	Vehicles	34	3	37	....	1912
Nov. 5	Dusbiber, J	Saginaw	Custom clothing	1	1	2	....	1907
Sept. 23	Eastman, S. L. Flooring Co	Saginaw	Flooring and lumber	78	3	81	3	1903
Oct. 3	East Side Lumber Co	Saginaw	Lumber, etc	31	1	32	....	1911
Oct. 30	Eckert, Fred C	Saginaw	Blacksmithing	3	....	3	....	1888
Oct. 31	Edelhoff's	Saginaw	Meats	4	....	4	....	.....
Sept. 30	Electric Supply Co., The	Saginaw	Electrical supplies	6	1	7	....	1912
Sept. 18	Ensser, John G	Saginaw	Meats	3	....	3	....	1908
Sept. 3	Erd Motor Co., Inc	Saginaw	Motors	28	2	30	....	1909
Sept. 9	Erpenstein, A. W	Saginaw	Bicycle epairing	1	....	1	....	1895
Oct. 8	Eureka Heating & Ventilating Co	Saginaw	Machine repairing	15	1	16	....	1887
Sept. 10	Fair, S. & Son, Inc	Saginaw	Castings	13	1	14	....	1898
Sept. 4	Farmer, Wm	Saginaw	Blacksmithing	4	....	4	....	1900
Sept. 24	Feige Desk Co	Saginaw	Desks	71	2	73	....	1888
Oct. 28	Feldmann, J. J	Saginaw	Gloves	1	3	4	....	1890
Sept. 8	Ferguson, John S	Saginaw	Tin and sheet iron	3	....	3	....	1904
Aug. 29	Ferrell, A. T. & Co	Saginaw	Machinery	46	2	48	....	1892
Oct. 3	Fettig, Charles	Saginaw	Carriages, etc	5	....	5	....	1898
Sept. 5	Fillinger, Chas	Saginaw	Junk	1	....	1	....	1910
Nov. 18	Fischer, J. George	Saginaw	Motor cycles	2	1	3	....	1889
Nov. 7	Ford Sales Co	Saginaw	Auto repairing	4	....	4	....	1910
Sept. 30	Forest Lawn Granite & Marble Works	Saginaw	Monuments	2	....	2	....	1907
Oct. 27	Francke, E. D. & Sons	Saginaw	Ice cream	7	....	7	....	1887
Nov. 5	Friedman Printing Co	Saginaw	Printed matter	6	....	6	....	1909
Sept. 26	Furstenberg Bros	Saginaw	Lumber, lath, etc	41	1	42	....	1893
Sept. 6	Ganschow, F. W	Saginaw	Job printing	3	....	3	....	1890
Oct. 2	Ganss, Henry & Son	Saginaw	Furniture	3	....	3	....	1898
Sept. 11	Garey-Casamer Co	Saginaw	Lumber	5	....	5	....	1909
Nov. 18	Garten, L. Co	Saginaw	Tailoring	2	....	2	....	1909
Oct. 30	Gartner, Geo	Saginaw	Plumbing	5	1	6	....	1905
Oct. 10	Genesee Coal Co	Saginaw	Coal and wood	26	1	27	....	1903
Aug. 18	Germain, Edward, Estate of	Saginaw	Lumber, sash, doors, etc	147	2	149	9	1874
Sept. 17	Gernens & Hahn	Saginaw	Flour and feed	3	....	3	....	1910
Sept. 19	Goetz, J. B. Sons	Saginaw	Flowers	11	....	11	....	1871
Oct. 20	Goodrich, B. F. Rubber Co	Saginaw	Rubber tires	4	....	4	....	1869
Sept. 13	Grand Union Tea Co	Saginaw	Tea, coffee, etc	5	....	5	....	1906
Oct. 23	Grand Union Tea Co	Saginaw	Provisions	3	1	4	....	1872
Nov. 1	Grassman's Millinery	Saginaw	Millinery	....	3	3	....	1910
Sept. 18	Gratiot Ave. Market, The	Saginaw	Meats	3	1	4	....	1905
Oct. 29	Green Bros	Saginaw	Fish	3	1	4	....	1865
Sept. 16	Green, William	Saginaw	Shoe repairing	2	....	2	....	1911
Nov. 1	Grigware, J. L	Saginaw	Shoe repairing	2	....	2	....	1885

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	SAGINAW CO.—*Con.*							
Sept. 11	Grenell, W. H	Saginaw	Peas and beans	7	71	78	....	1896
Oct. 7	Griffin, F. G	Saginaw	Sheet metal	2	....	2	....	1902
Sept. 30	Grobman, The Florist	Saginaw	Flowers	7	2	9	....	1893
Oct. 28	Groves, Madame	Saginaw	Dressmaking	.....	7	7	....	1883
Sept. 8	Haines, W. L	Saginaw	Electrical supplies	4	....	4	....	1904
Oct. 7	Hammond, Standish & Co	Saginaw	Meats	12	1	13	....	1888
Sept. 2	Hart Bros	Saginaw	Beans	10	78	88	....	1902
Sept. 3	Hardin, D. Co., The	Saginaw	Sash, doors, etc	16	....	16	....	1869
Oct. 21	Hartner, Christ	Saginaw	Harness	2	....	2	....	1908
Nov. 11	Hayden Fancy Grocery Co., Ltd., The	Saginaw	Meats	5	....	5	....	1891
Oct. 30	Heginbottom, S. H. & Sons	Saginaw	Auto repairing	9	....	9	....	1911
Oct. 28	Heid Baking Co	Saginaw	Baked goods	14	....	14	....	1886
Oct. 29	Heinemann, G. C	Saginaw	Upholstering	3	....	3	....	1909
Sept. 24	Heinz, H. J. Co	Saginaw	Canned goods	43	28	71	....	1805
Sept. 4	Helfrecht Machine Co	Saginaw	Engines	9	1	10	....	1907
Sept. 8	Henke, J	Saginaw	Furniture repairing	2	....	2	....	1910
Oct. 11	Henning, Chas. W. & Sons	Saginaw	Meats, etc	20	4	24	....	1897
Sept. 20	Herschel, R. Mfg. Co	Saginaw	Machinery	3	1	4	....	1907
Aug. 28	Herzog Art Furniture Co	Saginaw	Furniture	299	7	306	....	1901
Oct. 25	Hickey, Catherine	Saginaw	Millinery	.....	6	6	....	1913
Oct. 4	Hobson & Co	Saginaw	Monuments	12	1	13	....	1869
Oct. 17	Hod Cigar Co., The	Saginaw	Cigars	11	4	15	....	1908
Nov. 19	Honemann R. H	Saginaw	Shoe repairing	1	....	1	....	1910
Oct. 18	Horton, M. W	Saginaw	Picture frames	1	....	1	....	1911
Sept. 5	Hudson Cornice & Roofing Co	Saginaw	Cornice and roofing	4	....	4	....	1910
Oct. 6	Humes, J. M. & Son	Saginaw	Signs	2	....	2	....	1887
Oct. 14	Hurst, A. W	Saginaw	Meats	2	....	2	....	1906
Sept. 25	Hurst, L. E	Saginaw	Blacksmithing	2	....	2	....	1913
Oct. 8	Ideal Brass Foundry, The	Saginaw	Castings	2	....	2	....	1901
Oct. 20	Ideal Shoe Repair Shop	Saginaw	Shoe repairing	2	....	2	....	1913
Sept. 22	International Harvester Co. of America	Saginaw	Farm implements	32	1	33	....	1913
Sept. 22	Ippel, J. W. Co., The	Saginaw	Dry goods	13	17	30	4	1891
Nov. 1	Ischerland, Theo. Co	Saginaw	Cutlery	1	....	1	....	1907
Oct. 8	Izzo, Daniel & Co	Saginaw	Fruits and produce	5	1	6	....	1910
Sept. 10	Jackson & Church Co	Saginaw	Castings	105	3	108	....	1898
Sept. 10	Jackson-Church-Wilcox Co	Saginaw	Steering gear	239	12	251	....	1907
Sept. 26	Jackson-Church-Wilcox Co	Saginaw	Castings	21	1	22	....	1913
Aug. 28	Jackson, Thos. & Co., Ltd	Saginaw	Doors, sash, etc	65	1	66	....	1895
Oct. 25	Jacob & Christie	Saginaw	Dressmaking	.....	5	5	....	1909
Oct. 30	Jacobi, Alex	Saginaw	Cornice, etc	17	....	17	....	1888
Sept. 17	Jacques, Thomas	Saginaw	Blacksmithing	2	....	2	....	1896
Oct. 6	Jerome Bros	Saginaw	Hay, grain, etc	4	1	5	....	1903
Sept. 9	Jochen, A. & Son	Saginaw	Baked goods	3	1	4	....	1903
Nov. 19	Johnson, John H. & Co	Saginaw	Plumbing	9	....	9	....	1897
Sept. 10	Kaiser & Rachuth	Saginaw	Plumbing, etc	4	1	5	....	1911
Oct. 6	Kanaly, James	Saginaw	Job printing	3	1	4	....	1894
Sept. 3	Kellett, R. E	Saginaw	Job printing	1	....	1	....	1909
Oct. 15	Kennedy, Wm. H	Saginaw	Bicycle repairing	2	....	2	....	1903
Sept. 11	Kerry & Way	Saginaw	Lumber	25	....	25	....	1906
Oct. 23	Kindler, V	Saginaw	Hardware, etc	2	1	3	....	1867
Sept. 6	Klein, H. & Son	Saginaw	Painting	6	1	7	....	1883
Sept. 4	Klein, John	Saginaw	Tinning	3	1	4	....	1908
Sept. 20	Knuttel & Brunner	Saginaw	Meats	2	....	2	....	1911
Sept. 29	Koehler Bros	Saginaw	Castings	9	....	9	....	1853
Aug. 30	Koenitzer Tanning Co	Saginaw	Hides	15	....	15	....	1908

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	SAGINAW CO.—*Con.*							
Nov. 14	Kramer, B	Saginaw	Tailoring	1	3	4	....	1902
Sept. 13	Krause, Paul Clothing Co	Saginaw	Custom clothing	6	1	7	....	1903
Sept. 9	Krogmann, H. G	Saginaw	Sporting goods	3	....	3	....	1890
Oct. 4	Ladd, John W. Co	Saginaw	Machinery	13	4	17	....	1901
Oct. 22	Lange, Chas. T	Saginaw	Blacksmithing	2	....	2	....	1900
Sept. 10	Lange, Wm. A. & Sons	Saginaw	Tin, copper, etc	2	....	2	....	1913
Oct. 30	Laurisch, H	Saginaw	Custom clothing	1	....	1	....	1913
Oct. 7	Lee & Cady	Saginaw	Provisions	18	5	23	....	1908
Oct. 6	Lenick, E. & Co	Saginaw	Junk	4	1	5	....	1901
Sept. 20	Lepien, H	Saginaw	Shoe repairing	2	....	2	....	1911
Oct. 3	Limberg, Robert A	Saginaw	Blacksmithing	2	....	2	....	1912
Oct. 28	Loney, W. T	Saginaw	Optical goods	4	....	4	....	1909
Oct. 8	Lucas, John F. & Co	Saginaw	Ice	14	1	15	....	1880
Sept. 23	Lufkin Rule Co., The	Saginaw	Rules, etc	287	200	487	1	1901
Sept. 24	McClure Co., The	Saginaw	Silos	77	22	99	....	1895
Aug. 28	McCormick-Hay Lumber Co	Saginaw	Lumber	6	1	7	....	1904
Nov. 7	McCron, W. J	Saginaw	Job printing	12	4	16	....	1891
Sept. 4	McInnis, George	Saginaw	Harness	1	....	1	....	1893
Oct. 7	McIntyre Printing Co., The	Saginaw	Job printing	2	1	3	....	1910
Oct. 27	McKenzie, J. H	Saginaw	Plumbing	3	1	4	....	1908
Nov. 7	McKnight, J. G	Saginaw	Blacksmithing	2	....	2	....	1883
Oct. 7	McNally Vulcanising Co	Saginaw	Tire repairing	5	1	6	....	1911
Sept. 5	Magnetic Spring Water Co	Saginaw	Water	6	1	7	....	1898
Sept. 17	Maharn, Frank	Saginaw	Baked goods	1	1	2	....	1913
Oct. 16	Maier, F. W. & Co	Saginaw	Coffee and tea	3	....	3	....	1910
Sept. 11	Maier, Liberatus	Saginaw	Furniture	3	....	3	....	1897
Aug. 28	Malcolm & Brown	Saginaw	Barrels	12	....	12	....	1905
Oct. 3	Mangold, M	Saginaw	Furniture repairing	1	....	1	....	1900
Oct. 17	Mann, Leo E	Saginaw	Auto repairing	2	....	2	....	1913
Sept. 17	Marble, Granite & Stone Works	Saginaw	Marble, granite, etc	20	1	21	....	1885
Nov. 19	Marquette Meat Market, The	Saginaw	Meats	4	....	4	....	1909
Oct. 17	Martin, Bruno	Saginaw	Roofing	7	1	8	....	1866
Oct. 17	Matin, Charles J	Saginaw	Plumbing	5	1	6	....	1910
Oct. 29	Martin's Home Bakery	Saginaw	Baked goods	1	2	3	....	1909
Nov. 11	Martin, T. W. & Son	Saginaw	Jewelry	3	....	3	....	1885
Nov. 18	Maxson, E. C. & Son	Saginaw	Painting	7	....	7	....	1890
Oct. 10	May, C. F	Saginaw	Blacksmithing	2	....	2	....	1911
Sept. 4	Meldrum, John D	Saginaw	Blacksmithing	1	....	1	....	1896
Oct. 9	Mershon, Eddy, Parker Co	Saginaw	Lumber	392	10	402	....	1901
Oct. 9	Mershon, Wm. B. & Co	Saginaw	Band resaws	62	2	64	....	1891
Oct. 20	Mertz, F. H. Co	Saginaw	Cigars	17	6	23	....	1883
Sept. 27	Michigan Candy Co	Saginaw	Candy	2	1	3	....	1905
Oct. 3	Michigan Creamery Co	Saginaw	Dairy products	10	4	14	....	.....
Nov. 19	Michigan Drug Co., The	Saginaw	Medicines	27	8	35	....	1909
Aug. 29	Michigan Glass Co	Saginaw	Glass	113	7	120	....	1911
Nov. 7	Michigan Motor Car Co	Saginaw	Auto repairing	3	....	3	....	1910
Aug. 28	Michigan Packing Co	Saginaw	Canned goods	6	5	11	....	1912
Sept. 27	Michigan Saw Co	Saginaw	Saws and tools	9	....	9	....	1881
Oct. 9	Michigan Sugar Co	Saginaw	Sugar	317	1	318	1	1901
Sept. 22	Midland Mfg. Co	Saginaw	Motorcycles	31	....	31	....	1912
Sept. 16	Miller, E. C	Saginaw	Plumbing	3	1	4	....	1911
Nov. 12	Milne Bros	Saginaw	Storage	5	1	6	....	1887
Oct. 1	Mitts & Merrill	Saginaw	Castings	83	3	86	....	1904
Oct. 16	Modart Corset Co	Saginaw	Corsets	19	97	116	1	1909
Oct. 24	Model Bakery	Saginaw	Baked goods	3	2	5	....	1913
Nov. 5	Modern Shoe Repair Works, The	Saginaw	Shoe repairing	4	1	5	....	1911
Oct. 10	Mohr Bros	Saginaw	Stone	3	....	3	....	1906
Nov. 17	Morley Bros	Saginaw	Harness	19	1	20	....	1883
Sept. 30	Morley Bros	Saginaw	Harness	13	....	13	....	1895
Oct. 31	Mountjoy, A. R	Saginaw	Custom clothing	9	....	9	....	1910

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Factory Inspection.—Continued.

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	SAGINAW CO.—*Con.*							
Oct. 4	M. & B. Ice Cream & Cone Co	Saginaw	Ice cream	9	1	10	4	1907
Nov. 13	National Biscuit Co	Saginaw	Baked goods	6	....	6	....	1900
Oct. 10	National Brewing Co	Saginaw	Beer	3	....	3	....	1886
Nov. 18	National Cash Register Co., The	Saginaw	Cash registers	5	....	5	....	1898
Sept. 2	National Engineering Co	Saginaw	Wood tanks	78	2	80	....	1901
Sept. 26	Nelson Bros. Co	Saginaw	Engines	80	2	82	....	1908
Oct. 17	Neumann, Carl	Saginaw	Cigars	3	1	4	....	1893
Sept. 13	Newell, E. C. & Co	Saginaw	Shade goods, etc	3	1	4	....	1863
Oct. 24	New York Ladies' Tailoring	Saginaw	Tailoring	2	1	3	....	1911
Oct. 15	Nielski, Frank	Saginaw	Meats	2	....	2	....	1909
Nov. 6	Norris, Mrs. H. D	Saginaw	Dressmaking	.....	18	18	....	1912
Oct. 4	Oakland Vinegar & Pickle Co., The	Saginaw	Canned goods	16	1	17	....	1902
Sept. 18	Odell, C. W	Saginaw	Cement blocks	2	....	2	....	1911
Oct. 30	Oeder, John & Son	Saginaw	Baked goods	3	1	4	....	1878
Nov. 6	O'Hara, James, Jr	Saginaw	Custom clothing	6	....	6	....	1891
Oct. 21	Oppermann, Carl F	Saginaw	Furs	1	3	4	....	1907
Oct. 23	Oppermann Fur Co., The	Saginaw	Furs	4	10	14	....	1865
Sept. 2	Opportunity Mfg. Co	Saginaw	Furniture	22	1	23	....	1910
Sept. 13	Oserowsky, Jacob	Saginaw	Shoe repairing	1	....	1	....	1907
Sept. 19	Otto, John	Saginaw	Cigars	1	....	1	....	1884
Nov. 15	O. K., The	Saginaw	Skirts	1	....	1	....	1913
Nov. 13	Packer Horse & Livery Co., The	Saginaw	Carriage repairing	2	....	2	....	1890
Oct. 30	Parker Dairy Co	Saginaw	Dairy products	9	5	14	....	1905
Sept. 12	Passolt, Henry	Saginaw	Soap	6	1	7	....	1863
Sept. 6	Pawley, John A	Saginaw	Bicycle repairing	2	....	2	....	1898
Sept. 10	Peerless Laundry & Dye Co	Saginaw	Cleaning and dyeing	11	26	37	1	1904
Oct. 20	Pellicci, E. & Co	Saginaw	Statuary	2	....	2	....	1911
Oct. 4	Pendell, W. H	Saginaw	Baked goods	2	....	2	....	1902
Oct. 14	Pere Marquette Railroad Co	Saginaw	Boilers and machinery	837	4	841	....	.....
Sept. 13	Pesenecker, Miss M	Saginaw	Millinery	.....	9	9	....	1912
Sept. 18	Peters Co	Saginaw	Cement products	6	....	6	....	1908
Sept. 13	Phillippe, A. D	Saginaw	Provisions	7	3	10	....	1901
Sept. 11	Phipps, Penoyer & Co	Saginaw	Provisions	33	6	39	....	1896
Oct. 14	Piper, G. W	Saginaw	Blacksmithing	2	....	2	....	1907
Sept. 23	Polson, Wm. & Co	Saginaw	Sash, doors, etc	51	1	52	....	1908
Sept. 16	Postal Telegraph Co	Saginaw	Telegraph service	1	1	2	....	1888
Sept. 4	Price Laundry, The	Saginaw	Laundry	2	4	6	....	1909
Oct. 16	Prillwits, Emil	Saginaw	Custom clothing	1	....	1	....	1907
Oct. 7	Provost, Frank J	Saginaw	Bicycle repairing	1	....	1	....	1910
Nov. 1	Rabe, J. B	Saginaw	Electrical supplies	6	1	7	....	1901
Nov. 11	Reade, T. A	Saginaw	Custom clothing	14	1	15	....	1906
Oct. 27	Reitter, F. & C. Co	Saginaw	Job printing	13	1	14	....	1887
Oct. 3	Reliance Mercantile Co	Saginaw	Flour, grain, etc	6	....	6	....	1892
Oct. 1	Remmer Bros	Saginaw	Lime	10	1	11	....	1904
Sept. 10	Remer Bros	Saginaw	Builders' supplies	24	2	26	....	1871
Sept. 13	Rice Bros	Saginaw	Furniture	2	....	2	....	1907
Sept. 19	Richter, William C	Saginaw	Plumbing	5	1	6	....	1895
Oct. 14	Rimmer, N	Saginaw	Blacksmithing	1	....	1	....	1901
Sept. 23	Ripslinger Bros	Saginaw	Coal, wood, etc	21	1	22	....	1905
Oct. 6	Robel, G. A	Saginaw	Custom clothing	1	....	1	....	1899
Sept. 8	Robertson, E. A. Co	Saginaw	Waists, etc	29	252	281	....	1897
Sept. 19	Robinson, R	Saginaw	Cleaning, pressing, etc.	1	....	1	....	1869
Sept. 8	Robertson's Laundry	Saginaw	Laundry	12	52	64	2	1880
Oct. 1	Roberts Welding Co	Saginaw	Castings	2	....	2	....	1913
Sept. 18	Roesser, C. L. Co., The	Saginaw	Farm implements	7	1	8	....	1904
Oct. 23	Rounds, Madame Altha	Saginaw	Dressmaking	.....	1	1	....	1909
Oct. 2	Sachse, L	Saginaw	Junk	7	1	8	....	1898
Nov. 13	Saginaw Auto Co	Saginaw	Automobiles	8	2	10	....	1904
Nov. 18	Saginaw-Bay City Ry. Co	Saginaw	Car repairing	57	....	57	....	1893
Oct. 11	Saginaw Beef Co	Saginaw	Meats	44	9	53	....	1880

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	SAGINAW CO.—*Con.*							
Oct. 2	Saginaw Bottling Co	Saginaw	Soft drinks	2	....	2	....	1912
Oct. 2	Saginaw Brewing Co	Saginaw	Beer	12	....	12	....	1866
Nov. 19	Saginaw Candy Works	Saginaw	Candy	7	2	9	....	1907
Aug. 29	Saginaw Chemical Co	Saginaw	Chemicals	8	1	9	....	1910
Oct. 30	Saginaw Cigar Co	Saginaw	Cigars	11	2	13	1	1908
Oct. 2	Saginaw City Gas Co	Saginaw	Gas and coke	34	1	35	....	1808
Oct. 23	Saginaw City Gas Co	Saginaw	Gas	20	8	28	....	1870
Sept. 12	Saginaw Coal Co	Saginaw	Coal	24	1	25	....	1903
Oct. 24	Saginaw Courier-Herald, The	Saginaw	Printed matter	51	4	55	....	1857
Oct. 7	Saginaw Creamery Co	Saginaw	Dairy products	11	1	12	....	1913
Oct. 3	Saginaw Custom Shirt Co	Saginaw	Shirts	4	4	8	....	1911
Nov. 12	Saginaw Flower Shop	Saginaw	Flowers	2	1	3	....	1913
Sept. 4	Saginaw Hardware Co	Saginaw	Hardware	29	6	35	....	1863
Oct. 7	Saginaw-Hudson Sales Co	Saginaw	Auto repairing	4	....	4	....	1913
Sept. 9	Saginaw Ice & Coal Co	Saginaw	Ice and coal	22	....	22	....	1887
Sept. 30	Saginaw Ladder Co., Ltd., The	Saginaw	Ladders	25	1	26	....	1902
Nov. 17	Saginaw Lighting Co	Saginaw	Electrical supplies	9	....	9	....	1909
Sept. 25	Saginaw Medicine Co	Saginaw	Medicine	3	3	6	....	1912
Sept. 2	Saginaw Mfg. Co	Saginaw	Pulleys	237	48	285	....	1871
Sept. 12	Saginaw Milling Co	Saginaw	Flour, feed, etc	64	157	221	9	1894
Sept. 3	Saginaw Mirror Works	Saginaw	Mirrors	22	1	23	....	1904
Sept. 5	Saginaw Paper Co	Saginaw	Paper	4	1	5	....	1888
Sept. 26	Saginaw Paving Brick Co	Saginaw	Brick	33	....	33	....	1895
Aug. 29	Saginaw Plate Glass Co	Saginaw	Glass	336	4	340	....	1900
Oct. 17	Saginaw Plating Works	Saginaw	Plating	1	....	1	....	1876
Sept. 9	Saginaw Press, The	Saginaw	Job printing	5	1	6	....	1912
Oct. 1	Saginaw Pure Ice Co	Saginaw	Ice	14	2	16	....	1909
Sept. 8	Saginaw Rug Mfg. Co	Saginaw	Rugs	4	1	5	....	1903
Aug. 30	Saginaw Sandstone Brick Co., The	Saginaw	Brick	32	....	32	....	1902
Sept. 24	Saginaw Sheet Metal Works	Saginaw	Sheet metal products	81	2	83	....	1910
Sept. 3	Saginaw Show Case Co	Saginaw	Show cases	24	1	25	....	1904
Sept. 20	Saginaw Silk Garment Co	Saginaw	Silk garments	9	72	81	....	1908
Sept. 4	Saginaw Specialty Co	Saginaw	Cigar boxes	6	15	21	....	1904
Aug. 30	Saginaw Table & Cabinet Co	Saginaw	Tables	57	1	58	....	1907
Nov. 18	Saginaw Taxicab Co	Saginaw	Passenger service	6	....	6	....	1910
Oct. 22	Saginaw Vulcanizing Works	Saginaw	Auto repairing	2	1	3	....	1907
Sept. 29	Saginaw Water Board	Saginaw	Water	7	....	7	....	1873
Sept. 6	Saginaw Water Works	Saginaw	Water	7	....	7	....	1872
Aug. 28	Saginaw Wheelbarrow Co	Saginaw	Wheelbarrows	22	1	23	....	1906
Sept. 5	Saginaw Woodenware Co	Saginaw	Woodenware	6	2	8	....	1893
Nov. 15	Sawyer	Saginaw	Custom clothing	3	1	4	....	1913
Oct. 29	Schaefer, J. G. & Son	Saginaw	Meats	6	....	6	....	1873
Sept. 11	Schemm, J. G. Brewing Co., The	Saginaw	Beer	28	1	29	....	1866
Sept. 11	Scheurman Lumber Co., Ltd	Saginaw	Lumber	8	2	10	....	1899
Oct. 27	Schmidt, Chas	Saginaw	Blacksmithing	3	....	3	....	1886
Oct. 18	Schmidt Mfg. Co	Saginaw	Chemicals	2	1	3	....	1910
Sept. 17	Schmidt, Wm	Saginaw	Meats	3	....	3	....	1911
Oct. 29	Schrems, George	Saginaw	Plumbing	3	1	4	....	1907
Sept. 17	Schulz, George L	Saginaw	Cigars	6	2	8	....	1893
Oct. 8	Schwartz Bros	Saginaw	Fruits and produce	11	1	12	....	1901
Sept. 23	Schwinck Bros	Saginaw	Meats	7	1	8	....	1910
Oct. 15	Schwinck Bros	Saginaw	Meats	2	1	3	....	1907
Sept. 16	Schwinck Bros	Saginaw	Meats	3	1	4	....	1906
Oct. 6	Scollen, Geo. E	Saginaw	Wagon repairing	4	....	4	....	1888
Nov. 15	Scott, E. E	Saginaw	Plumbing	9	1	10	....	1882
Sept. 4	Shea, James E	Saginaw	Blacksmithing	3	....	3	....	1900
Oct. 18	Selk Furniture Co	Saginaw	Furniture	2	....	2	....	1906
Sept. 30	Simpson, William	Saginaw	Coal, coke, etc	6	....	6	....	1911
Sept. 19	Slocum-Horning Co	Saginaw	Farm implements	5	1	6	....	1910
Sept. 19	Smith & Hess	Saginaw	Cigars	2	....	2	....	1907

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	SAGINAW CO.—*Con.*							
Oct. 13	Smith, James	Saginaw	Tinning	1	....	1	....	1906
Nov. 1	Smith, Mrs. L. Co	Saginaw	Millinery	....	3	3	....	1907
Sept. 17	Smith, L. H	Saginaw	Meats	3	....	3	....	1913
Sept. 17	Smith Plating Works	Saginaw	Plating	11	....	11	....	1909
Sept. 8	Smith & Stoelker Publishing Co	Saginaw	Job printing	11	3	14	....	1868
Nov. 13	Sobel's	Saginaw	Tailoring	2	1	3	....	1913
Sept. 18	Solms Bros	Saginaw	Hardware	4	....	4	....	1885
Sept. 26	Sommers Bros. Match Co	Saginaw	Matches	37	63	100	....	1909
Oct. 15	Spagnuolo, F	Saginaw	Candy	1	1	2	....	1911
Oct. 8	Spangler, Davis & Co	Saginaw	Fruits and produce	7	1	8	....	1885
Nov. 7	Sparling, Thos	Saginaw	Blacksmithing	4	....	4	....	1885
Sept. 22	Spats, Bernard	Saginaw	Baked goods	2	....	2	....	1912
Oct. 16	Spotless Market	Saginaw	Meats	4	....	4	....	1893
Oct. 21	Spring, George E	Saginaw	Bicycle repairing	2	....	2	....	1899
Oct. 16	Stafford, John	Saginaw	Soft drinks	5	....	5	....	1884
Nov. 15	Standard Woolen Co	Saginaw	Custom clothing	2	....	2	....	1909
Oct. 11	Star Brewing Co	Saginaw	Beer	14	1	15	....	1912
Nov. 11	Steet, George	Saginaw	Job printing	2	1	3	....	1911
Oct. 13	Steininger, Ed	Saginaw	Baked goods	2	1	3	....	1907
Sept. 5	Steven's Bros	Saginaw	Cartage and storage	3	1	4	....	1905
Oct. 29	Stevens Electric Co	Saginaw	Auto repairing	2	....	2	....	1913
Oct. 13	Stewart, James Co	Saginaw	Provisions	2	1	3	....	1909
Sept. 11	Stork Motor Co	Saginaw	Motors	12	1	13	....	1906
Sept. 24	Strable Mfg. Co	Saginaw	Flooring	77	3	80	....	1906
Oct. 23	Strieter, Miss R. C	Saginaw	Millinery	....	5	5	....	1905
Nov. 19	Sullivan, H. W	Saginaw	Mill supplies	2	....	2	....	1912
Oct. 8	Sulzberger & Sons Co	Saginaw	Provisions	30	6	36	....	1910
Nov. 5	Symons Bros. & Co	Saginaw	Provisions	36	9	45	....	1863
Oct. 22	Szander Co	Saginaw	Sign painting	2	....	2	....	1913
Oct. 29	Tessmann, Julius J	Saginaw	Shoe repairing	3	....	3	....	1913
Sept. 12	Thomas, E	Saginaw	Potash	2	....	2	....	1900
Oct. 22	Traub, Nathan	Saginaw	Flour, feed, etc	2	1	3	....	1912
Sept. 11	Trombley Boat Works	Saginaw	Furniture repairing	2	....	2	....	....
Oct. 31	Trombley Electric Co	Saginaw	Electric supplies	13	....	13	....	1909
Sept. 16	Union Drug Co., The	Saginaw	Drugs	5	....	5	3	1904
Nov. 14	United States Express Co	Saginaw	Express service	16	....	16	....	1905
Sept. 16	United States Express Co	Saginaw	Express service	2	1	3	....	1904
Sept. 25	United States Graphite Co., The	Saginaw	Graphite	63	29	92	....	1891
Sept. 29	United States Tie Plug Co., The	Saginaw	Tie plugs	37	2	39	....	1904
Oct. 14	Up-to-Date Shoe Repairing Co	Saginaw	Shoe repairing	1	....	1	....	1912
Sept. 29	Valley Boat & Engine Co	Saginaw	Boats and engines	19	1	20	....	....
Oct. 2	Valley Carpet Cleaning Works	Saginaw	Carpet cleaning	5	....	5	....	1888
Oct. 8	Valley City Coffee & Spice Mills	Saginaw	Coffee and spices	4	16	20	....	1893
Sept. 9	Valley Cornice & Slate Co., Ltd	Saginaw	Ceilings	17	1	18	....	1903
Oct. 1	Valley Grey Iron Foundry Co	Saginaw	Castings	30	....	30	....	1907
Oct. 24	Valley Home Telephone Co	Saginaw	Telephone service	26	47	73	....	1908
Nov. 8	Valley Printing Co	Saginaw	Job printing	19	4	23	....	1893
Sept. 29	Valley Stove & Range Co	Saginaw	Stoves	4	1	5	....	1911
Sept. 4	Valley Sweets Co	Saginaw	Candy	13	31	44	....	1903
Sept. 30	Valley Tire Repair Co	Saginaw	Repairing	2	....	2	....	1912
Oct. 31	Vanek, Chas	Saginaw	Custom clothing	2	2	4	....	1907
Oct. 15	Wah, Soo	Saginaw	Laundry	2	....	2	....	1909
Aug. 28	Walter, Gustav A	Saginaw	Blacksmithing	3	....	3	....	1901
Sept. 22	Weaver & Son	Saginaw	Baked goods	2	....	2	....	1913
Oct. 23	Weinecke & Lavelle	Saginaw	Millinery	....	6	6	....	1909
Nov. 5	Weiss, Eugene	Saginaw	Custom clothing	3	....	3	....	1900
Sept. 22	Welsh, P	Saginaw	Coal, coke, etc	1	1	2	....	1913
Sept. 17	Welzel, Paul	Saginaw	Harness	3	....	3	....	1891
Sept. 11	Werner & Pfleiderer	Saginaw	Machinery	110	5	115	....	1895
Sept. 26	Werner & Pfleiderer	Saginaw	Castings	19	....	19	....	1907

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	SAGINAW CO.—*Con.*							
Nov. 17	Western Union Telegraph Co., The	Saginaw	Telegraph service	10	4	14	4	1886
Sept. 19	Western Union Telegraph Co	Saginaw	Telegraph service	2	....	2	....	1898
Oct. 17	Westhoff & Robinson	Saginaw	Meats	2	....	2	....	1893
Sept. 18	Westphal Home Bakery	Saginaw	Baked goods	6	1	7	....	1913
Sept. 3	West Side Auto Co	Saginaw	Auto repairing	1	....	1	....	1913
Sept. 5	West Side Clothes Cleaning Co	Saginaw	Cleaning and pressing	2	1	3	....	1911
Oct. 28	Whatley, L. J	Saginaw	Custom tailoring	2	1	3	....	1889
Sept. 3	Whitney, Geo. B	Saginaw	Seeds and produce	3	....	3	....	1905
Oct. 11	Wickes Boiler Co., The	Saginaw	Boilers, etc	190	8	198	....	1860
Oct. 11	Wickes Bros	Saginaw	Machinery	134	8	142	....	1860
Sept. 10	Wider, J. F	Saginaw	Rugs	1	....	1	....	1907
Sept. 26	Wilcox-McKim Co	Saginaw	Steering gears	29	1	30	....	1913
Sept. 19	Willard & McDonald	Saginaw	Plumbing	3	....	3	....	1911
Sept. 25	Willcox Engineering Co	Saginaw	Machinery	23	1	24	....	1905
Sept. 5	Williams, A. E. & Co	Saginaw	Ice cream	4	....	4	....	1911
Nov. 6	Williams Bros. Candy Co	Saginaw	Candy	6	5	11	....	1910
Oct. 6	Wills, John E	Saginaw	Blacksmithing	2	....	2	....	1912
Oct. 22	Wilsterman Electric Co	Saginaw	Electrical supplies	3	....	3	....	1906
Oct. 31	Witters Laundry	Saginaw	Laundry	12	44	56	....	1886
Oct. 11	Wolfarth's Steam Bakery	Saginaw	Baked goods	40	5	45	7	1867
Oct. 28	Wolf, J. & Son	Saginaw	Meats	3	....	3	....	1903
Sept. 5	Wolverine Cigar Co	Saginaw	Cigars	17	11	28	1	1880
Sept. 10	Wolverine Dry Cleaning Co	Saginaw	Dyeing and cleaning	3	2	5	1	1909
Sept. 30	Wolverine Machine Works	Saginaw	Machinery	13	....	13	....	1907
Sept. 5	Wolverine Roofing Co	Saginaw	Roofing materials	13	....	13	....	1909
Sept. 25	Woolgar & Co	Saginaw	Wagons, etc	2	....	2	....	1909
Sept. 16	Woschnak, Emil	Saginaw	Meats	4	....	4	1	1900
Sept. 29	Wylie, J. T. & Co	Saginaw	Hoops, staves, etc	130	3	133	5	.....
Nov. 11	You, Lee	Saginaw	Laundry	7	....	7	....	1897
Oct. 30	Zagelmeyer, A. F	Saginaw	Bicycle repairing	2	....	2	....	1902
Nov. 24	Clay, W. H	St. Charles	Meats	2	....	2	....	1911
Nov. 24	Clipper, Charles H	St. Charles	Baked goods	2	1	3	....	1907
Nov. 24	Electric Light & Water Works Plant	St. Charles	Light and water	3	....	3	....	1911
Nov. 25	Gage, Robert Coal Co	St. Charles	Coal	102	....	102	....	1903
Nov. 24	Harger, E. E	St. Charles	Blacksmithing	1	....	1	....	1903
Nov. 24	Hart Bros	St. Charles	Hay, grain, etc	5	10	15	....	1907
Nov. 24	Holt, J. H	St. Charles	Custom clothing	1	....	1	....	1903
Nov. 24	Loeffelbein, Adam	St. Charles	Lumber, lath & shingles	2	....	2	....	1907
Nov. 25	No. 2 Power House	St. Charles	Light and heat	9	....	9	....	1900
Nov. 24	O'Mara, Mrs. Sadie	St. Charles	Millinery	.....	1	1	....	1911
Nov. 24	St. Charles Four & Feed Co	St. Charles	Grain, hay, etc	4	18	22	....	1905
Nov. 24	St. Charles Union, The	St. Charles	Printed matter	1	2	3	....	1892
Nov. 25	Saginaw Salt Co	St. Charles	Salt	8	....	8	....	1900
Nov. 24	Tin & Repair Shop	St. Charles	Plumbing	1	....	1	....	1910
Nov. 24	Wilson, Harvey	St. Charles	Blacksmithing	2	....	2	....	1883
Nov. 24	Yarooh & Yarooh	St. Charles	Meats	2	1	3	....	1913
	ST. CLAIR COUNTY.							
Nov. 4	Algonac Bottling Works	Algonac	Soft drinks	2	....	2	....	1910
Nov. 4	Algonac Courier, The	Algonac	Printed matter	2	....	2	....	1893
Nov. 4	Algonac Electric Light & Water Plant	Algonac	Light and water	2	....	2	....	1886
Nov. 4	East, John	Algonac	Boats	1	....	1	....	1891
Nov. 4	Rattray, A. E. & Son	Algonac	Machine repairing	4	....	4	....	1912
Nov. 4	Smith Boat & Engine Co	Algonac	Boats and engines	17	1	18	....	1913
Nov. 4	Townsend, G. & Sons	Algonac	Woodwork	10	1	11	....	1893
Nov. 4	Warner, W. E	Algonac	Cement blocks	4	....	4	....	1913
Nov. 4	Worthy, Chas	Algonac	Meats	3	....	3	....	1900
Nov. 4	Avoca Butter Co	Avoca	Dairy products	2	1	3	....	1908

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	ST. CLAIR CO.—*Con.*							
Nov. 4	Avoca Elevator	Avoca	Farm produce	2	1	3	....	1909
Nov. 4	Avoca Milling Co	Avoca	Flour and feed	3	....	3	....	1911
Nov. 4	Hill & Wadsworth	Avoca	Farm produce	3	....	3	....	1897
Nov. 5	Berville Roller Mills	Berville	Flour and feed	2	....	2	....	1892
Nov. 5	Bottomley & Dryer	Berville	Farm produce	2	10	12	....	1905
Nov. 6	Richmond Elevator Co	Columbus	Farm produce	2	....	2	....	1897
Oct. 8	Little, Louis	Emmett	Meats	1	1	2	....	1909
Oct. 8	Richmond Elevator Co	Emmett	Farm produce	4	1	5	....	1908
Nov. 18	Goodells Elevator	Goodells	Farm produce	3	10	13	....	1910
Nov. 18	Oleson, James	Goodells	Feed and cider	2	....	2	....	1908
Nov. 5	Lamb's Farmers' Elevator Co	Lambs	Farm produce	4	6	10	....	1901
Nov. 5	Ramstein Bros	Lambs	Flour and feed	3	....	3	....	1900
Nov. 5	Shanahan, M. P	Lambs	Farm produce	3	12	15	....	1900
Nov. 1	Baker, S. M. & Son	Marine City	Stoves	9	....	9	....	1878
Nov. 1	Becker, Geo. W	Marine City	Cigars	3	1	4	....	1900
Nov. 1	Blood & Hart	Marine City	Coal	11	....	11	....	1865
Nov. 1	Cottrell, R. A	Marine City	Coal	3	....	3	....	1884
Nov. 1	Fairfield & Heath	Marine City	Farm produce	1	....	1	....	1899
Nov. 1	Kenyon, A. P	Marine City	Boats	7	....	7	....	1899
Nov. 1	Marine City Automobile Co	Marine City	Auto repairing	2	1	3	....	1910
Nov. 1	Marine City Brewery Co	Marine City	Beer	7	....	7	....	1911
Nov. 1	Municipal Electric Light & Water Plant	Marine City	Water	3	....	3	....	1884
Nov. 1	Marine City Ice Co	Marine City	Ice	2	....	2	....	1910
Nov. 1	Marine Laundry, The	Marine City	Laundry	3	7	10	....	1912
Nov. 1	Marine City News	Marine City	Printed matter	3	1	4	....	1903
Nov. 1	Marine City Reporter	Marine City	Printed matter	2	....	2	....	1878
Nov. 1	Marine City Roller Mill Co	Marine City	Flour	8	....	8	....	1887
Dec. 5	Marine City Salt Co	Marine City	Salt	87	6	93	....	1913
Nov. 1	Michigan Salt Works	Marine City	Salt	104	5	109	....	1897
Nov. 1	Quick, Orville M	Marine City	Monuments	1	....	1	....	1895
Nov. 1	Rochon, A. J	Marine City	Electrical supplies	2	....	2	....	1909
Nov. 1	Scott, Will J	Marine City	Cement blocks	6	....	6	....	1901
Nov. 1	Sicken, M., Estate of	Marine City	Sash, doors	11	1	12	....	1877
Nov. 1	Thatcher Granite Co	Marine City	Monuments	2	....	2	....	1899
Nov. 1	Westrick, C. A. & Son	Marine City	Cement blocks	4	....	4	....	1910
Nov. 5	Coburn, F. G. Elevator	Memphis	Farm produce	3	....	3	....	1886
Nov. 5	Fuller, Roy	Memphis	Blacksmithing	3	....	3	....	1910
Nov. 5	Memphis Bee, The	Memphis	Printed matter	2	1	3	....	1892
Nov. 5	Memphis Elevator Co	Memphis	Farm produce	2	4	6	....	1912
Nov. 5	Memphis Roller Flouring Mills	Memphis	Flour	2	....	2	....	1895
Oct. 11	Acheson Oildag Co	Port Huron	Graphite	9	1	10	....	1910
Oct. 15	Aikman Bakery Co	Port Huron	Baked goods	39	44	83	....	1901
Oct. 10	American Machinery Co	Port Huron	Machinery	52	3	55	....	1908
Oct. 16	Anker-Holth Mfg. Co	Port Huron	Machinery	43	1	44	....	1911
Oct. 24	Appel Bros	Port Huron	Custom clothing	5	3	8	....	1892
Oct. 18	Athenian Candy Works, The	Port Huron	Candy	3	2	5	....	1899
Oct. 25	Barthel, H. P	Port Huron	Monuments	4	....	4	....	1908
Oct. 22	Beauchamp, Mrs. S. M	Port Huron	Millinery	.....	7	7	....	1900
Oct. 9	Bechtold Wire & Iron Works	Port Huron	Wire and iron	4	....	4	....	1907
Oct. 22	Beckton, Thomas	Port Huron	Custom clothing	4	3	7	....	1893
Oct. 14	Buckeridge, Marshall N	Port Huron	Wagon repairing	3	....	3	....	1901
Oct. 28	Burgess, Avery B	Port Huron	Shoe repairing	2	....	2	....	1904
Oct. 10	Byers, Geo. F	Port Huron	Cement blocks	4	....	4	....	1913
Oct. 13	Cameron Furniture Co	Port Huron	Furniture repairing	5	....	5	....	1909
Oct. 16	Carlisle, A. B	Port Huron	Ice cream	12	....	12	....	1885

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Factory Inspection.—Continued.

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	ST. CLAIR CO.—*Con.*							
Oct. 15	Casler, C. C.	Port Huron	Sheet metal	3	....	3	....	1893
Oct. 10	Center Lumber Co.	Port Huron	Dressed lumber	5	....	5	....	1905
Oct. 25	Chambers, C. E.	Port Huron	Cigars	1	1	2	....	1904
Oct. 28	Cheney, Geo. J.	Port Huron	Blacksmithing	2	....	2	....	1896
Oct. 13	City of Port Huron	Port Huron	Water	10	....	10	....	1872
Oct. 8	City Steam Laundry	Port Huron	Laundry	7	25	32	....	1880
Oct. 15	Collinson, Miss A. M.	Port Huron	Millinery	.....	4	4	....	1893
Oct. 16	Consolidated Fisheries, Inc.	Port Huron	Fish	6	....	6	....	1911
Oct. 24	Courtney Bros.	Port Huron	Cigar boxes	2	2	4	....	1898
Oct. 10	Crawford, A.	Port Huron	Cement blocks	4	....	4	....	1895
Oct. 28	Cronk, D. M.	Port Huron	Bicycle repairing	2	....	2	....	1910
Oct. 24	Cummins, Wm.	Port Huron	Custom clothing	4	2	6	....	1912
Oct. 18	Dart, J. A. & Sons	Port Huron	Sheet metal	6	....	6	....	1880
Oct. 24	Davis, T. W.	Port Huron	Wagon repairing	2	....	2	....	1903
Oct. 10	Draper Mfg. Co.	Port Huron	Brass and steel	26	3	29	....	1901
Oct. 25	Drought, George & Co.	Port Huron	Plumbing	5	....	5	....	1887
Oct. 8	Dry Dock Iron Works	Port Huron	Machinery	10	....	10	....	1870
Oct. 14	Endlich, John A.	Port Huron	Baked goods	4	....	4	....	1858
Oct. 10	Fead, John L. & Sons	Port Huron	Woolen goods	11	52	63	2	1902
Oct. 29	Foran's Ideal Wire Fence Stretcher Co.	Port Huron	Fence stretchers	3	....	3	....	1910
Oct. 11	Foster, Louis	Port Huron	Cement blocks	8	....	8	....	1900
Oct. 24	Gibson's Bakery	Port Huron	Baked goods	4	1	5	1	1890
Oct. 14	Godfrey, W. F.	Port Huron	Dyeing and cleaning	4	2	6	....	1905
Oct. 14	Graham, Geo. H.	Port Huron	Blacksmithing	3	....	3	....	1898
Oct. 15	Grand Trunk Elevator, The	Port Huron	Grain	7	1	8	....	1890
Oct. 10	Grand Trunk Railway System	Port Huron	Car repairing	651	4	655	....	1870
Oct. 17	Grand Trunk Railway System	Port Huron	Electricity	15	....	15	....	1908
Oct. 25	Gruel & Ott	Port Huron	Soft drinks	7	....	7	....	1894
Oct. 24	Haslett, Frank J.	Port Huron	Custom clothing	3	1	4	....	1891
Oct. 11	Havers Motor Car Co.	Port Huron	Motor cars	53	3	56	....	1910
Oct. 28	Hayden & Burney	Port Huron	Blacksmithing	2	....	2	....	1911
Oct. 13	Haynes Lumber Co.	Port Huron	Dressed lumber	7	....	7	....	1884
Oct. 21	Herald Printing Co., The	Port Huron	Job printing	33	8	41	....	1907
Oct. 24	Hicks, Mrs. M.	Port Huron	Millinery	.....	3	3	....	1904
Oct. 9	Hillman, Alfred	Port Huron	Painting	2	....	2	....	1913
Oct. 14	Hill, Peter & Son	Port Huron	Dressed lumber	4	....	4	....	1876
Oct. 24	Holbrook, F. E.	Port Huron	Cleaning and pressing	2	1	3	1	1901
Oct. 4	Home Mfg. Co.	Port Huron	Sash, doors	12	....	12	....	1897
Oct. 22	Hovey, C. A.	Port Huron	Auto supplies	6	....	6	....	1912
Oct. 9	Jarvis Co., The	Port Huron	Cement blocks	5	1	6	....	1913
Oct. 13	Jenks-Wade Co., The	Port Huron	Cement blocks	24	....	24	....	1903
Oct. 15	Johnson's	Port Huron	Cleaning, etc.	4	1	5	1	1892
Oct. 14	Jones, Wm. E.	Port Huron	Woodworking	2	....	2	....	1890
Oct. 13	Kern Brewing Co.	Port Huron	Beer	39	1	40	....	1880
Oct. 16	Kilets Printing Co., The	Port Huron	Job printing	2	....	2	....	1879
Oct. 15	Kimball, C. H. & Son	Port Huron	Feed and farm produce	6	....	6	....	1893
Oct. 25	King & Scott	Port Huron	Upholstering	2	....	2	....	1913
Oct. 22	Kuhn, G. W.	Port Huron	Harness	3	1	4	....	1905
Oct. 13	Lakeside Ice & Coal Co.	Port Huron	Ice and coal	19	1	20	....	1911
Oct. 25	Lamlein, Chris	Port Huron	Baked goods	1	2	3	....	1907
Oct. 25	Lane, J. S.	Port Huron	Repairing	2	....	2	....	1908
Oct. 15	Larned, Carter & Co.	Port Huron	Overalls	7	64	71	....	1912
Oct. 14	Lauth Auto & Engine Co.	Port Huron	Machine repairing	2	....	2	....	1905
Oct. 8	LeBlanc, Wm.	Port Huron	Boats	2	....	2	....	1873
Oct. 17	Lee, Wm. Co., The	Port Huron	Brass goods	48	2	50	....	1909
Oct. 28	Lester, J. E.	Port Huron	Blacksmithing	2	....	2	....	1913
Oct. 18	Levine, L.	Port Huron	Junk	13	4	17	....	1895
Oct. 28	Lindsay, Mrs. A.	Port Huron	Millinery	.....	2	2	....	1908
Oct. 15	Little Bros.	Port Huron	Castings	6	....	6	....	1908
Oct. 13	McColloin, I. E. & Co.	Port Huron	Coal and wood	10	1	11	....	1893

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Factory Inspection.—Continued.

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	ST. CLAIR CO.—*Con.*							
Oct. 25	McFee, M. D.	Port Huron	Cleaning and pressing	2	1	3	....	1912
Oct. 22	McIntyre, W. D.	Port Huron	Candy	1	1	2	....	1893
Oct. 22	McKenzie, D.	Port Huron	Blacksmithing	4	....	4	....	1871
Oct. 14	McKenzie, John	Port Huron	Wagon repairing	2	....	2	....	1898
Oct. 9	McMorran Milling Co.	Port Huron	Farm produce	4	....	4	....	1889
Oct. 9	McMorran Milling Co.	Port Huron	Barrels	3	....	3	....	1907
Oct. 11	Marcotte, E. R.	Port Huron	Cement blocks	5	....	5	....	1912
Oct. 9	Mills, M. W. Construction Co.	Port Huron	Carts	15	1	16	....	1911
Oct. 28	Mitts, Geo.	Port Huron	Blacksmithing	3	....	3	....	1873
Oct. 9	Mizel & Brownell	Port Huron	Fish	13	....	13	....	1902
Oct. 10	Model Milling Co., The	Port Huron	Flour and feed	8	1	9	....	1899
Oct. 14	Molloy, T. H. & Co.	Port Huron	Coal and wood	11	1	12	....	1898
Oct. 13	Moore Bros.	Port Huron	Plumbing	5	1	6	....	1907
Oct. 17	Morton Salt Co.	Port Huron	Salt	218	27	245	....	1909
Oct. 14	Moser, W. J.	Port Huron	Coal, wood, etc.	6	1	7	....	1909
Oct. 11	Mueller, E. B. & Co.	Port Huron	Chicory	28	8	36	....	1896
Oct. 22	Mudford, Chas. E.	Port Huron	Cigars	12	3	15	....	1886
Oct. 24	Opie, Harry Printing Co., The	Port Huron	Job printing	3	....	3	....	1898
Oct. 29	Orttenburger Harness Co.	Port Huron	Harness	9	....	9	....	1887
Oct. 18	O'Sullivan, James & Sons Co.	Port Huron	Woodwork	31	....	31	....	1870
Oct. 15	O. K. Laundry Co.	Port Huron	Laundry	6	29	35	....	1898
Oct. 22	Paris Shop	Port Huron	Millinery	.....	7	7	....	1897
Oct. 18	Parra Millinery, The	Port Huron	Millinery	.....	16	16	....	1904
Oct. 21	Patterson, R. S. & J. D. Co.	Port Huron	Jewelry	6	2	8	....	1903
Oct. 9	Peninsular Seed Co.	Port Huron	Seeds	6	50	56	....	1911
Oct. 8	Pioneer Boiler Works	Port Huron	Boilers	13	....	13	....	1896
Oct. 29	Plaisted, Geo.	Port Huron	Blacksmithing	2	....	2	....	1911
Oct. 25	Port Huron Auto Co.	Port Huron	Auto repairing	3	....	3	....	1908
Oct. 15	Port Huron Bread Co.	Port Huron	Baked goods	17	....	17	....	1879
Oct. 16	Port Huron Brewing Co.	Port Huron	Beer	17	....	17	....	1901
Oct. 15	Port Huron Creamery Co.	Port Huron	Dairy products	23	4	27	....	1909
Oct. 15	Port Huron Construction Co.	Port Huron	Motors	9	1	10	....	1910
Oct. 9	Port Huron Engine & Thresher Co.	Port Huron	Engines and threshers	292	15	307	....	1883
Oct. 9	Port Huron Engine & Thresher Co.	Port Huron	Machinery	2	....	2	....	1901
Oct. 13	Port Huron Gas Co.	Port Huron	Gas	44	3	47	....	1880
Oct. 9	Port Huron Light & Power Co.	Port Huron	Light and power	24	3	27	....	1886
Oct. 9	Port Huron Lumber Co.	Port Huron	Dressed lumber	23	1	24	....	1905
Oct. 11	Port Huron Paper Co.	Port Huron	Paper	27	3	30	....	1911
Oct. 14	Port Huron Pattern Works	Port Huron	Patterns	2	....	2	....	1912
Oct. 21	Port Huron Times-Herald, The	Port Huron	Printed matter	29	3	32	....	1873
Oct. 16	Preston & Co.	Port Huron	Baked goods	3	1	4	....	1913
Oct. 22	Rauser, Fred G.	Port Huron	Job printing	3	....	3	....	1910
Oct. 17	Reid Wrecking Co.	Port Huron	Ship repairing	57	....	57	....	1909
Oct. 22	Richardson, Baker & Co.	Port Huron	Plumbing	11	....	11	....	1887
Oct. 14	Richmond Elevator Co.	Port Huron	Beans	4	100	104	....	1912
Oct. 21	Riverside Printing Co.	Port Huron	Printed matter	63	25	88	....	1894
Oct. 9	Robeson Preservo Products Co.	Port Huron	Preservo	3	....	3	....	1900
Oct. 22	Robin's Garage	Port Huron	Electrical supplies	4	....	4	....	1912
Oct. 28	Roe, Thomas	Port Huron	Blacksmithing	1	....	1	....	1889
Oct. 16	Romeo Foundry Co.	Port Huron	Castings	237	1	238	....	1912
Oct. 28	Rooney, D. J.	Port Huron	Cigars	1	1	2	....	1912
Oct. 8	Rudge, John Foundry Co.	Port Huron	Castings	3	1	4	....	1907
Oct. 25	Sawdon & Riddell	Port Huron	Machine repairing	2	....	2	....	1912
Oct. 16	Selkirk Fish Co.	Port Huron	Fish	5	....	5	....	1870
Oct. 28	Sieg, Fred A.	Port Huron	Harness	2	....	2	....	1912
Oct. 25	Smith, Andrew J. & Sons	Port Huron	Woodworking	11	1	12	....	1867
Oct. 25	Smith, Fred	Port Huron	Feed	2	....	2	....	1909
Oct. 13	Smith, Wm. J.	Port Huron	Harness	5	....	5	....	1896
Oct. 17	South Park Lumber Co.	Port Huron	Dressed lumber	2	1	3	....	1904
Oct. 17	South Park Mfg. Co.	Port Huron	Brass goods	18	....	18	....	1906

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	ST. CLAIR CO.—*Con.*							
Oct. 24	Sovereign, Mrs. E.	Port Huron	Millinery	.....	5	5	....	1866
Oct. 10	Standard Bakery	Port Huron	Baked goods	4	....	4	....	1905
Oct. 11	Standard Oil Co.	Port Huron	Oils	7	1	8	....	.....
Oct. 24	Stephenson, D. J.	Port Huron	Electrical supplies	5	....	5	....	1883
Oct. 11	Stock, G. B. Xylite Grease & Oil Co.	Port Huron	Oils and grease	4	1	5	....	1891
Oct. 28	Sturmer, R. T.	Port Huron	Hardware	3	....	3	....	1893
Oct. 11	Sulphite Fibre Co.	Port Huron	Pulp	147	....	147	....	1888
Oct. 10	Summer's Linen Co.	Port Huron	Linen and rugs	29	2	31	....	1911
Oct. 15	Swift & Co.	Port Huron	Meats	6	....	6	....	1894
Oct. 14	Troy Laundry	Port Huron	Laundry	8	47	55	....	1897
Oct. 8	Truesdale Marble & Granite Co.	Port Huron	Monuments	11	1	12	....	1903
Oct. 24	Ullenbruch, Math.	Port Huron	Flowers	8	1	9	....	1882
Oct. 24	Walter, B.	Port Huron	Furs	2	4	6	....	1901
Oct. 9	Wellman's, Jos. Sons	Port Huron	Feed	3	....	3	....	1883
Oct. 25	Wenona Cigar Co.	Port Huron	Cigars	3	1	4	....	1904
Oct. 22	Western Union Telegraph Co.	Port Huron	Telegraph service	5	3	8	....	1863
Oct. 25	Whitney, L. E.	Port Huron	Baked goods	2	....	2	....	1906
Oct. 13	Willson, W. T.	Port Huron	Woodworking	7	1	8	....	1905
Oct. 17	Wolverine Dry Dock	Port Huron	Ship repairing	24	....	24	....	1898
Oct. 29	Wolverine Rug Co.	Port Huron	Rugs	2	1	3	....	1912
Oct. 18	Wright, A. H.	Port Huron	Painting	5	....	5	....	1864
Oct. 11	Yeager, F.	Port Huron	Iron and steel	7	....	7	....	1912
Oct. 15	Yeager, F.	Port Huron	Cement tile	6	....	6	....	1909
Oct. 21	Yokom, George E.	Port Huron	Electrical supplies	7	1	8	....	1906
Oct. 30	Bessay, J. E.	St. Clair	Sheet metal	2	....	2	....	1890
Oct. 30	Borntrager, Fred	St. Clair	Woodworking	3	....	3	....	1875
Oct. 30	City Laundry	St. Clair	Laundry	1	2	3	....	1909
Oct. 30	Diamond Crystal Salt Co.	St. Clair	Salt	333	77	410	....	1886
Oct. 30	LaCroix, Mrs. H. R.	St. Clair	Millinery	.....	2	2	....	1909
Oct. 30	Nelson Mills Lumber & Mfg. Co.	St. Clair	Woodworking	20	1	21	....	1895
Oct. 30	St. Clair County Press	St. Clair	Printed matter	4	....	4	....	1900
Oct. 30	St. Clair Creamery Co.	St. Clair	Dairy products	3	1	4	....	1894
Oct. 30	St. Clair Electric Light & Water Works	St. Clair	Light and water	5	....	5	....	1885
Oct. 30	St. Clair Iron Works	St. Clair	Machine repairing	3	....	3	....	1888
Oct. 30	St. Clair Milling Co.	St. Clair	Flour	4	1	5	....	1906
Oct. 30	St. Clair Republican, The	St. Clair	Printed matter	6	1	7	....	1854
Oct. 30	Schlinkert, John	St. Clair	Cement blocks	5	1	6	....	1873
Oct. 30	Schwab Bros.	St. Clair	Soft drinks	2	....	2	....	1893
Nov. 6	Lambert, J. & Son	Smith Creek	Farm produce	3	....	3	....	1910
Oct. 31	Barr, Chas. H.	Yale	Blacksmithing	2	....	2	....	1906
Oct. 31	Black, Eva J. & Co.	Yale	Millinery	.....	5	5	....	1898
Oct. 31	Jones, I. A.	Yale	Blacksmithing	2	....	2	....	1912
Oct. 31	Livingston, James Flax Co., The	Yale	Flax	9	1	10	....	1887
Oct. 31	Middleton & Doelle	Yale	Farm produce	4	25	29	....	1906
Oct. 31	Ritter's Laundry	Yale	Laundry	2	....	2	....	1906
Oct. 31	Wharton & Co.	Yale	Farm produce	3	14	17	....	1889
Oct. 31	Yale Canning Co.	Yale	Canned goods	14	10	24	....	1901
Oct. 31	Yale Expositor	Yale	Printed matter	2	1	3	....	1882
Oct. 31	Yale Lumber & Coal Co.	Yale	Dressed lumber	3	....	3	....	1905
Oct. 31	Yale Machine Works	Yale	Machine repairing	3	....	3	....	1893
Oct. 31	Yale Milling Co., Ltd., The	Yale	Flour	3	....	3	....	1896
Oct. 31	Yale Municipal Light & Power Co.	Yale	Light and water	3	....	3	....	1898
Oct. 31	Yale Record, The	Yale	Printed matter	3	....	3	....	1896
Oct. 31	Yale Woolen Mills	Yale	Woolen goods	63	47	110	....	1905

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	ST. JOSEPH COUNTY.							
Aug. 20	Boyer, C. A. Lumber Co	Burr Oak	Building material	3	1	4	....	1900
Aug. 20	Burr Oak Acorn, The	Burr Oak	Printed matter	2	....	2	....	1883
Aug. 20	Hackman, S. D	Burr Oak	Feed, etc	2	....	2	....	1913
Aug. 20	Sheffield Mfg. Co	Burr Oak	Corn planters	30	1	31	....	1889
Aug. 20	Thrasher, A. L	Burr Oak	Feed, etc	1	....	1	....	1908
Aug. 20	Ults, Wm. M	Burr Oak	Auto repairing	2	....	2	....	1912
Aug. 20	United Electric Co	Burr Oak	Electricity	2	....	2	....	1905
July 29	Centerville Observer, The	Centerville	Printed matter	2	....	2	....	1890
July 29	Centerville Water & Light Co	Centerville	Light and water	4	....	4	....	1910
July 29	Denton, Dr. Sleeping Garment Mills	Centerville	Knit goods	24	54	78	2	1885
July 29	Reynolds, A. H	Centerville	Feed	2	....	2	....	1896
July 31	Colon Express	Colon	Printed matter	2	....	2	....	1884
July 31	Lamberson, C. A. Co	Colon	Flour and feed	4	....	4	....	1839
July 31	Lamb Knit Goods Co	Colon	Knit goods	20	17	37	....	1889
July 31	United Electric Co	Colon	Light and power	2	....	2	....	1911
July 30	City Steam Laundry	Constantine	Laundry	2	1	3	....	1903
July 30	Commercial Milling Co	Constantine	Feed	2	....	2	....	1912
Oct. 23	Constantine Advertiser-Record	Constantine	Printed matter	1	2	3	....	1900
July 30	Constantine Board & Paper Co	Constantine	Paper	28	1	29	....	1888
July 30	Constantine Casket Co	Constantine	Caskets	30	3	33	....	1909
July 30	Constantine Creamery Co	Constantine	Dairy products	3	....	3	....	1903
Oct. 23	Constantine Granite Works	Constantine	Monuments	2	....	2	....	1877
July 30	Constantine Hydraulic Co	Constantine	Light and power	17	2	19	....	1902
Oct. 23	Constantine Lumber Co	Constantine	Lumber	2	....	2	....	1897
July 30	Constantine Milling Co	Constantine	Flour, etc	5	....	5	....	1899
July 30	Constantine Novelty Co	Constantine	Churns	3	....	3	....	1905
July 30	Farmers Elevator & Coal Co	Constantine	Grains and coal	2	....	2	....	1911
Oct. 23	Fish, A. F	Constantine	Auto repairing	2	....	2	....	1913
July 30	Harvey, W. W. & Son	Constantine	Washing machines	2	....	2	....	1909
Oct. 23	Herdrich, E	Constantine	Baked goods	2	1	3	....	1913
Oct. 23	Inland Foundry Co	Constantine	Castings	7	....	7	....	1913
Oct. 23	Items of Constantine	Constantine	Printed matter	2	....	2	....	1901
Oct. 23	Sevison, E. T. & Co	Constantine	Auto repairing	2	....	2	....	1913
Oct. 23	Strohm, L. A	Constantine	Cigars	2	....	2	....	1877
Aug. 23	King Milling Co	Leonidas	Flour and feed	2	....	2	....	1912
Aug. 23	White Bros. & Co	Leonidas	Grain and feed	2	....	2	....	1904
Aug. 23	Barnebee, A. M	Mendon	Auto repairing	2	....	2	....	1911
July 28	Green Meadow Dairy Co	Mendon	Dairy products	5	....	5	....	1902
Aug. 23	Mendon Globe-Leader, The	Mendon	Printed matter	2	1	3	....	1913
July 28	Morris-Kent Co	Mendon	Grain	2	....	2	....	1910
July 28	Shafer, John	Mendon	Wagons	3	....	3	....	1882
July 28	United Electric Co	Mendon	Light and power	5	....	5	....	.....
July 30	Allard, Homer L	Sturgis	Cigars	5	1	6	....	1908
Aug. 23	Asmus, Fred	Sturgis	Cigars	2	1	3	....	1904
July 25	Aulsbrook & Jones Furniture Co	Sturgis	Furniture	147	1	148	....	1908
July 25	Berridge Shear Co	Sturgis	Shears	68	8	76	3	1883
Aug. 23	Beyer Bros. & Co	Sturgis	Dairy products	2	....	2	....	1903
Aug. 23	Cavin, Will A	Sturgis	Lumber	5	1	6	....	1906
July 25	Central Wheel & Mfg. Co., The	Sturgis	Toys	24	2	26	....	1909
Aug. 23	Chapman & Phelps	Sturgis	Plumbing	13	1	14	....	1910
July 25	Freeland, B. F. Sons Co	Sturgis	Steel tanks	31	....	31	....	1902
July 24	Grobhiser-Cabinetmakers Co	Sturgis	Furniture	106	1	107	....	1887
Aug. 23	Hibbard, A. L	Sturgis	Flour, feed, etc	3	....	3	....	1898
July 25	Kirkpatrick, J. R	Sturgis	Auto repairing	5	....	5	....	1903
July 24	Kirsch Mfg. Co	Sturgis	Display fixtures	58	54	112	1	1909
Aug. 23	Loets & Gilhams	Sturgis	Baked goods	4	....	4	1	1907
Aug. 23	Long & Curtis	Sturgis	Auto repairing	2	....	2	....	1912
July 25	Made-to-Wear Co	Sturgis	Ladies' garments	3	31	34	....	1913
July 25	Maat, A. A	Sturgis	Ice	6	1	7	....	1913
July 24	Miller, Chas. A. Co	Sturgis	Plumbing supplies	79	4	83	....	1897

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	ST. JOSEPH CO.—*Con.*							
July 25	Morency-VanBuren Mfg. Co	Sturgis	Plumbing supplies	86	1	87	....	1909
Aug. 23	Municipal Light & Power Co	Sturgis	Light and power	7	....	7	....	1910
Aug. 23	Murphy, R	Sturgis	Cigars	1	....	1	....	1899
July 24	National Carbon Coated Paper Co	Sturgis	Carbon paper	33	31	64	1	1911
Aug. 23	Packard, J. J	Sturgis	Baked goods	3	....	3	....	1898
July 25	Royal Chair Co., The	Sturgis	Chairs	109	17	126	5	1899
July 30	Sturgis Light & Water Works	Sturgis	Light and water	7	....	7	....	1897
Aug. 23	Sturgis Gas Co., Inc	Sturgis	Gas	8	....	8	....	1910
Aug. 23	Sturgis Ice Cream Co	Sturgis	Ice cream	2	....	2	....	1913
Aug. 23	Sturgis Journal, The	Sturgis	Printed matter	3	....	3	....	1861
Aug. 23	Sturgis Lumber Co	Sturgis	Lumber	6	1	7	....	1888
July 25	Sturgis Machine Co	Sturgis	Machinery	6	....	6	....	1904
July 25	Sturgis Milling Co	Sturgis	Feed and grain	2	....	2	....	1911
July 25	Sturgis Steam Laundry	Sturgis	Laundry	3	5	8	....	1899
July 25	Sturgis Steel Go-Cart Co	Sturgis	Go-carts	61	10	71	....	1906
Aug. 23	Sturgis Times-Democrat, The	Sturgis	Printed matter	6	....	6	....	1908
Aug. 23	Turner, George R	Sturgis	Coal and charcoal	2	1	3	....	1910
July 25	Utility Mfg. Co	Sturgis	Chair fixtures	7	2	9	....	.....
Aug. 23	Walters Mfg. Co., The	Sturgis	Curtain rods	2	....	2	....	1913
July 24	Wilhelm Furniture Co	Sturgis	Furniture	112	....	112	1	1905
July 17	American Laundry	Three Rivers	Laundry	2	3	5	....	1909
Aug. 22	Armstrong Machine Works	Three Rivers	Steam traps	3	....	3	....	1906
Oct. 24	Castle, Fred	Three Rivers	Farm products	5	....	5	....	1910
Aug. 22	Cauffman, R. M	Three Rivers	Machinery	3	....	3	....	1912
July 17	City Laundry	Three Rivers	Laundry	3	2	5	....	1899
Aug. 22	Constantine Hydraulic Co	Three Rivers	Light and power	8	2	10	....	1902
Aug. 22	Corlett-Stone Lumber Co	Three Rivers	Lumber, etc	4	....	4	....	1909
Oct. 24	Deal, C. G	Three Rivers	Baked goods	3	....	3	....	1905
Aug. 22	Detwiler, C. H	Three Rivers	Bicycle repairing	1	....	1	....	1913
Aug. 22	Doremus, R. F	Three Rivers	Plumbing, etc	2	1	3	....	1913
Oct. 24	D. & A. Post Mold Co	Three Rivers	Molds	4	....	4	....	1907
July 18	Eddy Paper Co	Three Rivers	Paper	47	....	47	....	1906
Aug. 22	Farnam, J. F	Three Rivers	Ice cream	2	....	2	....	1905
Aug. 22	Flint Avenue Garage	Three Rivers	Auto repairing	2	....	2	....	1913
Aug. 22	Hazen, Wirt M	Three Rivers	Lumber and coal	4	2	6	....	1908
Oct. 24	Hubbell, Mrs. C. D	Three Rivers	Millinery	.....	1	1	....	1904
Aug. 22	Kirschbaum Bros	Three Rivers	Cleaning and pressing	2	....	2	....	1905
July 18	Klocke, Carl	Three Rivers	Cigars	11	....	11	....	1882
Oct. 24	La Mode, The	Three Rivers	Millinery	.....	2	2	....	1913
July 18	Major-Glady Co	Three Rivers	Chairs	5	....	5	....	1911
Oct. 24	National Fur & Tanning Co., The	Three Rivers	Fur goods	6	5	11	....	1902
July 29	Ott, E. L	Three Rivers	Cigars	2	....	2	....	1911
Oct. 24	Pollock's Home Bakery	Three Rivers	Baked goods	4	....	4	....	1912
Oct. 24	Potter, Clark Co	Three Rivers	Baked goods	3	....	3	....	1912
July 18	Rohrer, F. A	Three Rivers	Cigars	5	....	5	....	1898
July 18	Sheffield Car Co	Three Rivers	Cars	911	44	955	2	1882
Oct. 24	Sessions, Charles	Three Rivers	Plumbing	2	....	2	....	1909
Aug. 22	Three Rivers Garage	Three Rivers	Auto repairing	4	....	4	....	1913
Aug. 22	Three Rivers Gas Co	Three Rivers	Gas	7	2	9	....	1907
July 29	Three Rivers Knitting Co	Three Rivers	Knit goods	3	5	8	....	1902
Oct. 24	Three Rivers Light & Power Co	Three Rivers	Light and power	2	....	2	....	1890
Aug. 22	Three Rivers Milling Co., Inc., The	Three Rivers	Flour and feed	2	....	2	....	1909
July 29	Three Rivers Publishing Co	Three Rivers	Printed matter	6	2	8	....	1907
July 18	Three Rivers Robe Tannery	Three Rivers	Leather goods	21	14	35	....	1892
Aug. 22	Three Rivers Telephone Co	Three Rivers	Telephone service	4	14	18	....	1897

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	ST. JOSEPH CO.—*Con.*							
July 29	Three Rivers Water Works	Three Rivers	Water	2	....	2	....	1882
Oct. 24	Wals, B. R.	Three Rivers	Cigars	1	1	2	....	1904
Aug. 22	Wright, Herbert I.	Three Rivers	Monuments	2	....	2	....	1913
Aug. 22	Yorton Garage Co.	Three Rivers	Auto repairing	4	....	4	....	1909
July 30	Eddy Paper Co.	White Pigeon	Paper	68	....	68	....	1911
Aug. 22	Gill, F. L.	White Pigeon	Grain	2	....	2	....	1910
Aug. 22	Pigeon Dairy & Produce Co.	White Pigeon	Dairy products	4	1	5	....	1911
Aug. 22	White Pigeon News, The	White Pigeon	Printed matter	1	....	1	....	1908
	SANILAC COUNTY.							
Sept. 23	Applegate Creamery	Applegate	Dairy products	2	1	3	....	1900
Sept. 23	Applegate Elevator	Applegate	Farm produce	3	....	3	....	1906
Sept. 23	Hawkins, R.	Applegate	Feed and coal	2	1	3	....	1905
Sept. 23	Ruttle Bros.	Applegate	Farm produce	3	....	3	....	1911
Sept. 26	Brown City Banner	Brown City	Printed matter	2	1	3	....	1890
Sept. 26	Brown City Electric Light Works	Brown City	Light and water	4	....	4	....	1891
Sept. 26	Equity Creamery Co.	Brown City	Dairy products	3	....	3	....	1907
Sept. 26	Eureka Milling & Elevator Co.	Brown City	Flour and feed	8	21	29	....	1898
Sept. 26	McKnight, J. J.	Brown City	Plows and sleighs	3	....	3	....	1893
Sept. 26	Valley Hay & Grain Co.	Brown City	Hay and grain	5	1	6	....	1909
Sept. 24	Carsonville Creamery	Carsonville	Dairy products	2	....	2	....	1905
Sept. 23	Carsonville Elevator Co.	Carsonville	Farm produce	2	52	54	....	1906
Sept. 24	Carsonville Tribune, The	Carsonville	Printed matter	3	1	4	....	1904
Sept. 24	Carsonville Water Works	Carsonville	Water	1	....	1	....	1909
Sept. 24	Kimball, W. H.	Carsonville	Repairing	1	....	1	....	1906
Sept. 23	Ruttle, H. Sons	Carsonville	Farm produce	3	....	3	....	1910
Sept. 22	Baer Bros.	Croswell	Blacksmithing	4	....	4	....	1891
Sept. 22	Croswell Brick Co., Ltd.	Croswell	Brick	8	....	8	....	1900
Sept. 22	Croswell Bridge & Culvert Co., The	Croswell	Bridges and culverts	12	....	12	....	1909
Sept. 22	Croswell Creamery Co.	Croswell	Dairy products	2	....	2	....	1907
Sept. 22	Croswell Electric Light & Water Works	Croswell	Light and water	3	....	3	....	1895
Sept. 22	Croswell Elevator Co., The	Croswell	Flour and feed	2	28	30	....	1901
Sept. 22	Croswell Granite Works	Croswell	Monuments	2	....	2	....	1909
Sept. 22	Croswell Milling Co.	Croswell	Flour and feed	6	....	6	....	1898
Sept. 22	Croswell Steam Laundry	Croswell	Laundry	3	2	5	....	1909
Sept. 22	Farmers' Elevator	Croswell	Farm produce	5	22	27	....	1910
Sept. 22	Michigan Sugar Co.	Croswell	Sugar	297	8	305	....	1902
Sept. 22	Moore & Carter Lumber Co.	Croswell	Woodworking	3	....	3	....	1911
Sept. 22	Quail, W. H.	Croswell	Beans	2	15	17	....	1906
Sept. 22	Quance, F. H.	Croswell	Woodworking	2	....	2	....	1913
Sept. 22	Sanilac Jeffersonian, The	Croswell	Printed matter	3	1	4	....	1857
Sept. 22	Summers Linen Co.	Croswell	Flax	16	....	16	....	1900
Sept. 24	Deckerville Electric Light, Power & Water Works	Deckerville	Light and water	2	....	2	....	1912
Sept. 24	Deckerville Feed Mill, The	Deckerville	Feed	2	....	2	....	1911
Sept. 24	Deckerville Recorder, The	Deckerville	Printed matter	2	1	3	....	1891
Sept. 24	Green & Wilson	Deckerville	Farm produce	3	1	4	....	1910
Sept. 24	Reinelt, John	Deckerville	Woodworking	2	1	3	....	1892
Sept. 24	Union Creamery Co.	Deckerville	Dairy products	4	....	4	....	1905
Sept. 25	Downington Cheese Factory	Downington	Cheese	2	....	2	....	1898
Sept. 25	Downington Roller Mills	Downington	Flour and feed	1	....	1	....	1911
Sept. 23	Elmer Creamery	Elmer	Dairy products	2	1	3	....	1913
Sept. 25	Birdsall, E. L. & Co.	Lexington	Woodworking	4	....	4	....	1912
Sept. 25	Foley, A. K.	Lexington	Meats	2	....	2	....	1908
Sept. 25	Lexington News, The	Lexington	Printed matter	2	....	2	....	1897
Sept. 25	Roach, W. R. & Co.	Lexington	Canned goods	27	51	78	....	1907

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	SANILAC CO.—*Con.*							
Sept. 25	McGregor Elevator	McGregor	Farm produce	2	....	2	....	1905
Sept. 26	Baker Auto Garage, The	Marlette	Auto supplies	2	....	2	....	1911
Sept. 26	Equity Creamery Co., The	Marlette	Dairy products	2	....	2	....	1905
Sept. 26	Hanley, J. H. & Sons	Marlette	Dairy products	8	....	8	....	1885
Sept. 26	Holmes Grain Co., The	Marlette	Grain and beans	7	30	37	....	1910
Sept. 26	Lee, Thomas	Marlette	Woodworking	4	....	4	....	1911
Sept. 26	Marlette Electric Light & Water Wks.	Marlette	Light and water	4	....	4	....	1891
Sept. 26	Marlette Granite Works, The	Marlette	Monuments	2	....	2	....	1903
Sept. 26	Marlette Leader, The	Marlette	Printed matter	3	1	4	....	1879
Sept. 26	Mathews Milling & Elevator Co., The	Marlette	Flour, feed, grain	4	....	4	....	1890
Sept. 26	Tiedeman, H. F., Jr	Marlette	Repairing	2	....	2	....	1912
Sept. 26	Weir, James	Marlette	Blacksmithing	3	....	3	....	1911
Sept. 26	Wilson, Thomas, Inc	Marlette	Grain, seeds, etc	6	24	30	....	1910
Sept. 24	Minden City Elevator	Minden City	Farm produce	2	....	2	....	1907
Sept. 24	Minden City Herald, The	Minden City	Printed matter	1	1	2	....	1890
Sept. 25	Minden City Roller Mills	Minden City	Flour and feed	3	....	3	....	1906
Sept. 24	Minden City Woolen Mills	Minden City	Woolen goods	1	1	2	....	1905
Sept. 24	Riedel, L. H. Creamery	Minden City	Dairy products	2	....	2	....	1906
Sept. 24	Riedel, L. H. & Son	Minden City	Farm produce	4	....	4	....	1901
Sept. 24	Palms Elevator, The	Palms	Farm produce	2	....	2	....	1902
Sept. 23	Alexander, Wm	Sandusky	Castings	4	....	4	....	1912
Sept. 23	Bickle, F. A	Sandusky	Flour and feed	4	....	4	....	1894
Sept. 23	Hub Grain Co	Sandusky	Grain	5	30	35	....	1912
Sept. 23	Riehl, Wm. C	Sandusky	Machine repairing	4	....	4	....	1909
Sept. 23	Sandusky Creamery	Sandusky	Dairy products	2	....	2	....	1897
Sept. 23	Sandusky Electric Light & Water Wks	Sandusky	Light and water	3	....	3	....	1911
Sept. 23	Sandusky Grain Co	Sandusky	Farm produce	12	41	53	....	1906
Sept. 23	Sanilac County Farmer	Sandusky	Printed matter	2	1	3	....	1903
Sept. 23	Sanilac County Republican	Sandusky	Printed matter	2	1	3	....	1885
	SCHOOLCRAFT COUNTY.							
Oct. 29	White Marble Lime Co	Blaney	Lime and stone	10	....	10	....	1905
Oct. 27	Boncher, Jos. V	Manistique	Wagon repairing	3	....	3	....	.....
Oct. 27	Central Meat Market, The	Manistique	Meats	3	....	3	....	1906
Oct. 27	City Fuel Co	Manistique	Coal	3	....	3	....	1913
Oct. 27	City Meat Market	Manistique	Meats	4	....	4	....	1898
Oct. 24	Cloverland Milk & Cream Co	Manistique	Dairy products	4	....	4	....	1913
Oct. 24	Consolidated Lumber Co	Manistique	Lumber	358	3	361	....	1912
Oct. 27	Consolidated Lumber Co	Manistique	Hardware	6	....	6	....	1912
Oct. 27	Courier-Record Publishing Co	Manistique	Printed matter	3	3	6	....	1905
Oct. 27	Deemer, V. P	Manistique	Cigars	6	1	7	....	1904
Oct. 24	Goodwillie Bros	Manistique	Box shooks	158	36	194	1	1907
Oct. 24	Lake Superior Iron & Chemical Co	Manistique	Iron and chemicals	187	....	187	....	.....
Oct. 28	McNamara, P	Manistique	Beer	5	....	5	....	1910
Oct. 27	McPhail & Dumond	Manistique	Wagons, etc	4	....	4	....	1900
Oct. 28	Manistique Bakery	Manistique	Baked goods	2	1	3	....	1907
Oct. 27	Manistique Candy Kitchen, The	Manistique	Ice cream, etc	3	....	3	....	1903
Oct. 27	Manistique & Lake Superior R. R	Manistique	Car repairing	10	....	10	....	1906
Oct. 24	Manistique Light & Power Co	Manistique	Water and light	7	....	7	....	1897
Oct. 24	Manistique Power Laundry	Manistique	Laundry	3	4	7	....	1889
Oct. 25	Northwestern Leather Co	Manistique	Leather	83	....	83	....	1904
Oct. 28	Orr Bros. & Co	Manistique	Meats	4	1	5	....	1884
Oct. 27	Petersen, Julius	Manistique	Custom clothing	3	1	4	....	1893
Oct. 27	Scott, Joseph	Manistique	Sash and doors	5	....	5	....	1910
Oct. 27	Tribune Publishing Co	Manistique	Printed matter	4	1	5	....	1881

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Factory Inspection.—Continued.

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	SCHOOLCRAFT CO.—*Con.*							
Oct. 28	Up-to-Date Meat Market	Manistique	Meats	5	....	5	....	1906
Oct. 25	White Marble Lime Co	Manistique	Lime and stone	40	1	41	....	1889
Oct. 27	Zimmerman, Peter	Manistique	Cigars	3	....	3	....	1890
Oct. 27	White Marble Lime Co	Marblehead	Lime and stone	20	....	20	....	1910
	SHIAWASSEE COUNTY.							
June 10	Calkins, W. O	Bancroft	Grain and beans	4	16	20	....	1912
June 10	Commercial Printing Co	Bancroft	Printed matter	1	1	2	....	1888
June 10	Devereaux, W	Bancroft	Castings	2	....	2	....	1859
June 10	MacLaren's Imperial Cheese Co., Ltd.	Bancroft	Cheese	3	....	3	....	1902
June 10	Symes, J. E	Bancroft	Lumber	2	....	2	....	1888
June 10	Union Telephone Co., The	Bancroft	Telephone service	2	2	4	....	1901
June 10	Waldie Bros	Bancroft	Meats	3	....	3	....	1912
June 16	Bennington Creamery Co	Bennington	Butter	3	....	3	....	1908
June 12	Arnold, F. V	Byron	Feed	3	....	3	....	1908
June 12	Byron Cheese Factory, The	Byron	Cheese	2	....	2	....	1900
June 12	Byron Herald, The	Byron	Printed matter	2	....	2	....	1912
June 12	Close, W. F. & Co	Byron	Grain and wool, etc	2	11	13	....	1902
June 12	Eddy, O. M	Byron	Meats	2	....	2	....	1909
June 12	Fisher, Ben	Byron	Blacksmithing	2	....	2	....	1911
June 12	Carland Cheese Co	Carland	Cheese	2	....	2	....	1903
June 12	Croel, Clarence A	Carland	Grain and beans	3	6	9	....	1903
June 12	Head, Lee	Carland	Cement blocks	3	....	3	....	1911
June 6	Corunna City Water Works, The	Corunna	Water	2	....	2	....	1904
June 6	Corunna Independent, The	Corunna	Printed matter	3	....	3	....	1884
June 6	Corunna Milling Co., The	Corunna	Flour and feed	3	....	3	....	1902
June 6	Corunna Steam Laundry, The	Corunna	Laundry	1	2	3	....	1906
June 6	Fox & Mason	Corunna	Furniture	58	1	59	....	1898
June 6	Fox & Mason	Corunna	Furniture	77	1	78	....	1900
June 6	Green, Arthur W	Corunna	Grain, hay, etc	3	15	18	....	1882
June 6	Kinney & Elkins	Corunna	Plumbing	3	....	3	....	1912
June 6	Marshall, H. F	Corunna	Machinery	2	....	2	....	1900
June 6	Nickels, H. E	Corunna	Meats	2	....	2	....	1870
June 6	Rodgers, A. R	Corunna	Blacksmithing	2	....	2	....	1913
June 6	Setzer, G	Corunna	Meats	2	1	3	....	1912
June 6	United States Robe Co., The	Corunna	Coats and robes	13	24	37	....	1902
June 6	VanDeVusse, John	Corunna	Blacksmithing	4	....	4	....	1912
June 11	Bradstreet, Chas. H	Durand	Coal and wood	3	1	4	....	1901
June 11	Brown, Fred & Daughter	Durand	Auto repairing	2	1	3	....	1908
June 11	Derham Bros	Durand	Flour and feed	2	....	2	....	1913
June 11	Durand Creamery Co	Durand	Dairy products	8	2	10	...	1905
June 11	Durand Express, The	Durand	Printed matter	3	....	3	....	1887
June 11	Durand Hoop Co., The	Durand	Hoops	43	1	44	....	1898
June 11	Durand Lumber Co	Durand	Lumber	5	1	6	....	1911
June 11	Durand Steam Laundry	Durand	Laundry	1	3	4	....	1901
June 11	Durand Water & Electric Plant	Durand	Light and water	4	....	4	....	1891
June 11	Grand Trunk System	Durand	Repairing	112	....	112	....	1883
June 11	Judson Bros	Durand	Grain and beans	2	....	2	....	1907
June 11	Reed, C. L	Durand	Blacksmithing	2	....	2	....	1912
June 11	Sachs & Brock	Durand	Baked goods	3	....	3	....	1908
June 11	Schneider, M. G	Durand	Meats	6	....	6	....	1902
June 11	Watson, David	Durand	Hay and produce	2	1	3	....	1905
June 16	Fillinger & Gordon	Henderson	Grain and beans	2	10	12	....	1910
June 16	Henderson Butter Co., The	Henderson	Butter	2	....	2	....	1901
June 16	Lane, Wilbur F	Henderson	Blacksmithing	2	....	2	....	1912
June 6	Detroit Vitrified Brick Co	Kirby	Brick	44	1	45	....	1906

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	SHIAWASSEE CO.—*Con.*							
June 9	Albright, Geo. N	Laingsburg	Blacksmithing	3	....	3	....	1893
June 9	Bailey, C. R. Co., The	Laingsburg	Grain and beans	3	15	18	....	1892
June 9	Central Michigan Telephone Co	Laingsburg	Telephone service	2	5	7	....	1903
June 9	Colby-Coman	Laingsburg	Baked goods	2	1	3	....	1908
June 9	Laingsburg Elevator Co	Laingsburg	Grain and beans	2	12	14	....	1900
June 9	Laingsburg Flouring Mill, The	Laingsburg	Flour and feed	3	....	3	....	1873
June 9	Laingsburg News, The	Laingsburg	Printed matter	1	2	3	....	1886
June 9	Lee, Emil & Co	Laingsburg	Lumber and coal	2	....	2	....	1908
June 9	Thomas, A. D	Laingsburg	Meats	3	....	3	....	1905
June 7	Bancroft & Davis	Morrice	Flour	3	....	3	....	1896
June 7	Bishop Creamery Co	Morrice	Dairy products	2	....	2	....	1905
June 7	Towner, F. M. Co., The	Morrice	Beans	3	39	42	....	1895
June 13	Confer & Zintel	New Lothrop	Meats	2	....	2	....	1901
June 13	Mountain, M. C. & Son	New Lothrop	Flour and feed	3	....	3	....	1900
June 13	New Lothrop Butter Co	New Lothrop	Butter	2	....	2	....	1910
June 13	Sanborn, Elmer D	New Lothrop	Blacksmithing	2	....	2	....	1901
May 29	Abele, Fred & Co	Owosso	Hides and wool	4	1	5	....	1892
May 29	Ann Arbor Railroad Co	Owosso	Car repairing	203	2	205	....	.....
May 29	Applebee & Stewart	Owosso	Auto repairing	5	1	6	1	1912
May 22	Axford, B. L	Owosso	Coal and wood	3	1	4	....	1908
May 22	Axford, F. T	Owosso	Meats	4	....	4	....	1896
May 27	Barie, J. A	Owosso	Meats	5	1	6	....	1889
May 28	Beattie & Ross	Owosso	Painting	13	....	13	....	1905
May 24	Beckwith, B	Owosso	Blacksmithing	2	....	2	....	1911
May 23	Bell, George	Owosso	Baked goods	6	1	7	....	1890
May 27	Benson, Mrs. M	Owosso	Millinery	.....	5	5	....	1912
June 5	Blair's Sporting Goods Store	Owosso	Sporting goods	2	....	2	....	1864
May 29	Bower & Metzger	Owosso	Meats	4	1	5	....	1911
May 23	Campbell, S. M	Owosso	Cement blocks	6	....	6	....	1904
May 24	Carr, E. L	Owosso	Meats	5	1	6	....	1905
May 29	Castree & Son	Owosso	Machinery	6	....	6	....	1901
May 31	Chapman, Mrs. Florence	Owosso	Millinery	.....	3	3	....	1910
May 27	Connor, C. A	Owosso	Ice cream	11	1	12	....	1884
May 24	Consumers Power Co	Owosso	Light and power	12	2	14	....	1911
May 23	Corey, M. D	Owosso	Laundry	4	11	15	....	1881
May 29	Crowe Implement Co	Owosso	Farm implements	4	....	4	....	1911
May 23	Detroit Creamery Co	Owosso	Cheese	3	....	3	....	1913
June 2	Detroit Creamery Co	Owosso	Milk	8	1	9	....	1913
May 29	Duff, C. C	Owosso	Fruits	4	1	5	....	1903
May 29	Dutcher, Bert	Owosso	Custom clothing	2	....	2	....	1901
May 26	Estey Mfg. Co	Owosso	Furniture	92	3	95	....	1909
May 28	Evening Argus, The	Owosso	Printed matter	11	5	16	1	1892
May 24	Gaylord Auto Co	Owosso	Auto repairing	3	1	4	....	1913
May 27	General Motors Truck Co	Owosso	Trucks	47	3	50	....	1908
May 22	Greilich, Anton	Owosso	Meats	3	....	3	....	1912
May 27	Hadsall, B. H	Owosso	Tinning	3	....	3	....	1908
May 24	Hall, L. C	Owosso	Beans, etc	3	1	4	....	1900
May 29	Hollis, A. F	Owosso	Plumbing	7	1	8	....	1899
May 27	Hughes & Son	Owosso	Laundry	3	10	13	....	1899
May 24	Imperial Garment Mfg. Co	Owosso	Garments	2	25	27	....	1912
May 22	Independent Stove Co., The	Owosso	Stoves and ranges	81	1	82	....	1906
May 28	Izor Printing Co., The	Owosso	Job printing	5	....	5	....	1910
May 28	Kean, John, Sr	Owosso	Coal and wood	5	....	5	....	1911
May 28	Kelly & Douglass	Owosso	Plumbing	9	1	10	....	1908
May 22	McKeeby, H. S	Owosso	Blacksmithing	2	....	2	....	1905
May 28	Martin, H. W	Owosso	Harness	3	....	3	....	1865
May 22	May Bros	Owosso	Job printing	3	....	3	....	1911
June 2	Michigan State Telephone Co	Owosso	Telephone service	3	10	13	....	.....
May 31	Michigan State Telephone Co	Owosso	Telephone service	13	28	41	....	.....
May 28	Moffatt, Frank	Owosso	Custom clothing	2	1	3	....	1899

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	SHIAWASSEE CO.—*Con.*							
May 23	Monroe, Geo. N.	Owosso	Farm implements	4	....	4	....	1911
May 27	Mulhall-Erb Co.	Owosso	Lumber, etc	6	1	7	....	1905
May 27	Norton, L. H.	Owosso	Cement blocks	5	....	5	....	1909
May 31	Osborn's Dry Cleaning & Steam Dye Works	Owosso	Cleaning and pressing	3	2	5	....	1910
May 22	Owosso Baking Co.	Owosso	Baked goods	5	3	8	....	1913
May 22	Owosso Boiler Works	Owosso	Boilers	7	1	8	....	1892
May 29	Owosso Canning Co.	Owosso	Canned goods	8	31	39	....	1901
May 21	Owosso Carriage & Sleigh Co.	Owosso	Carriages and sleighs	57	3	60	....	1898
May 26	Owosso Casket Co.	Owosso	Caskets	146	28	174	....	1880
May 27	Owosso Creamery Co.	Owosso	Storage	3	....	3	....	1912
May 31	Owosso Fruit Co.	Owosso	Fruits	5	....	5	....	1910
May 29	Owosso Gas Light Co.	Owosso	Gas	20	....	20	....	1885
May 24	Owosso Ice & Fuel Co.	Owosso	Wood, coal, etc	16	1	17	....	1900
May 23	Owosso Mfg. Co.	Owosso	Screens	154	39	193	....	1892
May 22	Owosso Milling Co.	Owosso	Flour and feed	5	1	6	....	1909
May 31	Owosso Planing Mill & Specialty Co.	Owosso	Lumber	2	....	2	....	1911
May 29	Owosso Press-American	Owosso	Printed matter	7	4	11	....	1854
Nov. 10	Owosso Sugar Co.	Owosso	Sugar	343	....	343	....	1903
May 28	Owosso Water Works	Owosso	Water	11	....	11	....	1887
May 28	Palmer, Albert E. & Sons	Owosso	Clamps	8	....	8	....	1903
May 22	Parker, W. L.	Owosso	Monuments	15	1	16	....	1909
May 27	Payne & Euler	Owosso	Farm implements	6	1	7	....	1892
May 28	Raatz, Robert	Owosso	Meats	2	....	2	....	1913
June 2	Raatz-Unicar	Owosso	Meats	2	....	2	....	1912
May 22	Robbins Table Co.	Owosso	Tables	74	1	75	....	1873
May 31	Ruess, C.	Owosso	Millinery	.....	4	4	....	1909
May 24	Rundell Bros.	Owosso	Dairy products	5	3	8	....	1902
May 28	Semrau, George	Owosso	Baked goods	2	1	3	....	1911
May 31	Shaw, Miss E. M.	Owosso	Millinery	.....	3	3	....	1911
May 21	Siess, Paul & Co.	Owosso	Cigars	12	6	18	....	1909
May 29	Smafield Hat Shop	Owosso	Millinery	.....	5	5	....	1912
May 31	Standard Flaked Food Co.	Owosso	Cereals	10	5	15	....	1910
May 21	Stephan, August	Owosso	Cigars	12	5	17	....	1894
May 24	Sturtevant & Blood	Owosso	Lumber, coal, etc	7	1	8	....	1905
May 27	Sutfin, F. E.	Owosso	Carriages	3	....	3	....	1898
June 2	Tannehill, I. G.	Owosso	Baked goods	2	2	4	....	1893
June 5	Thompson Press, The	Owosso	Printed matter	1	....	1	....	1912
May 20	Times Printing Co., The	Owosso	Printed matter	6	1	7	....	1880
May 24	Union Garage	Owosso	Auto repairing	3	1	4	....	1912
May 23	Union Mattress Co.	Owosso	Mattresses	5	1	6	....	1880
June 2	Union Telephone Co., The	Owosso	Telephone service	9	29	38	....	1900
May 22	Van Sice, W. H.	Owosso	Coal, wood, etc	8	1	9	....	1911
May 22	Watson's Machine Shop	Owosso	Machine repairing	3	....	3	....	1912
May 22	Welch, Fred	Owosso	Beans, grain, etc	5	41	46	....	1911
May 22	West Side Garage	Owosso	Auto repairing	2	....	2	....	1912
May 27	Whitely, B. F.	Owosso	Custom clothing	2	1	3	....	1905
May 24	Wilder, A. H.	Owosso	Blacksmithing	2	....	2	....	1912
May 27	Wood, John	Owosso	Blacksmithing	3	....	3	....	1905
May 23	Wood, M. & Co.	Owosso	Handles	25	....	25	....	1862
May 26	Woodward Furniture Co.	Owosso	Furniture	128	3	131	....	1866
May 24	Wright, C. C.	Owosso	Flour and feed	5	1	6	....	1903
May 23	Zimmerman, J. N.	Owosso	Sporting goods	17	3	20	....	1904
June 10	Blanchard, Mrs. Lena	Perry	Millinery	.....	2	2	....	1912
June 10	Conklin, Mrs. W. J.	Perry	Millinery	.....	3	3	....	1908
June 10	Grubaugh, Perry	Perry	Blacksmithing	2	....	2	....	1913

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	SHIAWASSEE CO.—*Con.*							
June 10	Halpin Creameries, The	Perry	Dairy products	3	....	3	....	1900
June 10	Messenger & Synder	Perry	Provisions	3	....	3	....	1912
June 10	Perry Auto Garage, The	Perry	Auto repairing	2	....	2	....	1910
June 10	Perry Glove & Mitten Co., The	Perry	Knitted goods	46	41	87	....	1894
June 10	Perry Journal, The	Perry	Printed matter	1	1	2	....	1894
June 10	Perry Lumber & Coal Co	Perry	Lumber and coal	2	....	2	....	1910
June 10	Perry Milling Co., The	Perry	Flour and feed	3	....	3	....	1908
June 10	Starks, H. & Co	Perry	Grain, beans, etc	5	31	36	....	1898
June 12	Crawford, W. E	Vernon	Meats	2	1	3	....	1900
June 12	Michigan Milling Co	Vernon	Flour, grain, etc	2	10	12	....	1900
June 12	Vernon Milling Co	Vernon	Flour and feed	5	....	5	....	1910
	TUSCOLA COUNTY.							
Sept. 17	Akron Leader	Akron	Printed matter	1	....	1	....	1911
Sept. 17	Hess Elevator Co	Akron	Bran	2	8	10	....	1901
Sept. 17	Hess Elevator Co	Akron	Flour and feed	6	....	6	....	1907
Sept. 17	Hicks, L. N	Akron	Machine repairing	1	....	1	....	1904
Sept. 17	Mallory Bros	Akron	Cheese boxes	8	....	8	....	1882
Sept. 19	Caro Bottling Works	Caro	Soft drinks	3	....	3	....	1903
Aug. 27	Caro Elevator Co	Caro	Grain and beans	9	31	40	....	1905
Aug. 27	Caro Light & Power Co	Caro	Electricity	5	....	5	....	1892
Sept. 19	Caro Machine Works	Caro	Repairing	1	....	1	....	1888
Sept. 19	Caro Vinegar Co	Caro	Vinegar	3	1	4	....	1906
Aug. 27	Caro Water Works	Caro	Water	6	....	6	....	1894
Sept. 19	Coam, Frank	Caro	Cement	3	....	3	....	1912
Sept. 19	Cummins Bros. Lumber Co	Caro	Lumber	3	....	3	....	.....
Sept. 19	England Harness Co	Caro	Harness	3	....	3	....	1906
Aug. 28	Farmer Milling & Elevator Co	Caro	Grain and feed	4	....	4	....	1913
Aug. 27	Forbes, W. A. Co	Caro	Lumber	8	....	8	....	1911
Sept. 19	Fournier, Joseph	Caro	Shingles	2	....	2	....	1903
Sept. 19	Johnson, E. E	Caro	Cigars	2	....	2	....	1911
Aug. 28	Johnson, E. E	Caro	Cigars	5	1	6	....	1908
Aug. 27	Johnston-Slocum Co	Caro	Steel collars	6	1	7	....	1907
Sept. 19	Malabury & Worthington	Caro	Machine repairing	2	....	2	....	1913
Aug. 27	Michigan Pickle Supply Co	Caro	Pickles	2	....	2	....	1898
Aug. 27	Michigan Sugar Co	Caro	Sugar	71	1	72	....	1906
Aug. 28	Moore's Telephone System	Caro	Telephone service	4	16	20	....	1900
Sept. 19	Morford, C. T. & Son	Caro	Monuments	2	....	2	....	1890
Sept. 19	Potter & Tennant	Caro	Repairing	3	....	3	....	1912
Aug. 27	Saginaw Grain & Produce Co	Caro	Grain and beans	4	....	4	....	1912
Aug. 27	Shurlow Bros	Caro	Farm products	2	....	2	....	1912
Sept. 19	Strohauer Sons Co., Inc., The	Caro	Medicine	3	....	3	....	1902
Aug. 27	Thumb Creamery Co	Caro	Dairy products	4	1	5	....	1909
Sept. 19	Tuscola County Advertiser	Caro	Printed matter	3	5	8	....	1868
Aug. 27	Tuscola Courier Publishing Co	Caro	Job printing	3	4	7	....	1879
Aug. 27	Tuscola Elevator Co	Caro	Grain and produce	6	20	26	....	1912
Sept. 19	Vaughn, H. M. & Sons Co	Caro	Farm produce	1	....	1	....	1892
Sept. 18	Cass City Chronicle, The	Cass City	Printed matter	2	2	4	....	1899
Sept. 18	Cass City Grain Co	Cass City	Flour and feed	7	2	9	....	1893
Sept. 19	Cass City Planing Mill	Cass City	Lumber	2	....	2	....	1907
Sept. 19	Farm Produce Co., The	Cass City	Farm produce	6	20	26	....	1910
Sept. 19	Municipal Electric Light & Water Plant	Cass City	Light and water	3	....	3	....	1898
Sept. 19	Robinson's Steam Laundry	Cass City	Laundry	1	2	3	....	1895

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	TUSCOLA CO.—*Con.*							
Sept. 19	Sioux City Seed & Nursery Co	Cass City	Seeds	2	5	7	....	1893
Sept. 19	Thumb Creamery	Cass City	Dairy products	2	....	2	....	1900
Sept. 20	Cass City Grain Co	Deford	Farm produce	4	25	29	....	1906
Sept. 20	Roberts, George	Deford	Machine repairing	2	....	2	....	1912
Sept. 20	Standard Condensed Milk Co	Deford	Condensed milk	1	....	1	....	1911
Sept. 17	Bliss Garage	Fairgrove	Auto repairing	1	....	1	....	1913
Sept. 17	Fairgrove Enterprise	Fairgrove	Printed matter	2	1	3	....	1896
Sept. 17	Findlay Bros	Fairgrove	Dairy products	2	....	2	....	1907
Sept. 17	Green, James R. & Son	Fairgrove	Feed	1	....	1	....	1900
Sept. 17	Richardson, F. H	Fairgrove	Farm produce	4	21	25	....	1898
Sept. 18	Gagetown Grain Co	Gagetown	Farm produce	4	31	35	....	1901
Sept. 18	Gagetown Roller Mills, The	Gagetown	Flour and feed	3	....	3	....	1899
Sept. 18	Gagetown Times, The	Gagetown	Printed matter	1	1	2	....	1897
Sept. 18	Gagetown Water Works	Gagetown	Water	1	....	1	....	1910
Sept. 18	Garety's Wagon Shop	Gagetown	Machine repairing	2	....	2	....	1909
Sept. 18	Warner, Fred M. & Co	Gagetown	Cheese	2	....	2	....	1901
Sept. 20	Coltson, John A	Kingston	Blacksmithing	2	....	2	....	1896
Sept. 20	Kingston Creamery Co., The	Kingston	Dairy products	2	1	3	....	1909
Sept. 20	Kingston Grain Co	Kingston	Farm produce	3	16	19	....	1904
Sept. 20	Kingston Water Works	Kingston	Water	2	....	2	....	1905
Sept. 20	Noble, Bert A	Kingston	Woodworking	2	....	2	....	1910
Sept. 20	Peter, Albert	Kingston	Lumber	2	....	2	....	1903
Aug. 28	Equity Creamery Co	Mayville	Dairy products	5	....	5	....	1912
Aug. 28	Hollenbeck, A. E	Mayville	Grain and feed	2	....	2	....	1897
Aug. 28	Johnson, W. J	Mayville	Castings	2	....	2	....	1907
Aug. 28	Mayville Creamery Co	Mayville	Dairy products	6	....	6	....	1910
Aug. 28	Mayville Milling Co	Mayville	Grain and flour	4	14	18	....	1909
Aug. 28	Mayville Monitor	Mayville	Printed matter	3	....	3	....	1887
Aug. 28	Mayville Municipal Light & Water Works	Mayville	Light and water	2	....	2	....	1903
Aug. 28	Mayville Star Laundry	Mayville	Laundry	1	2	3	....	1892
Aug. 25	Millington Electric Light Works	Millington	Electricity	3	....	3	....	1911
Aug. 25	Millington Gazette, The	Millington	Printed matter	2	1	3	....	1899
Aug. 25	Millington Grain Co	Millington	Grain and feed	3	....	3	....	1905
Aug. 25	Millington Milling Co	Millington	Flour and feed	3	....	3	....	1903
Aug. 25	Millington Water Works	Millington	Water	7	....	7	....	1904
Aug. 25	Sioux City Seed Co	Millington	Grain and produce	5	1	6	....	1888
Sept. 16	Heins, H. J. Co	Reese	Pickles	4	....	4	....	1901
Sept. 16	Pardee, L	Reese	Staves and headings	8	....	8	....	1878
Sept. 16	Reese Creamery	Reese	Dairy products	2	....	2	....	1903
Sept. 16	Reese Elevator & Milling Co	Reese	Flour and feed	4	1	5	....	1896
Sept. 16	Reese Review, The	Reese	Printed matter	2	....	2	....	1901
Sept. 16	Webber, Walter J	Reese	Farm produce	4	....	4	....	1905
Sept. 18	Unionville Creamery Co., Ltd	Unionville	Dairy products	2	....	2	....	1898
Sept. 18	Unionville Crescent	Unionville	Printed matter	1	1	2	....	1892
Sept. 18	Unionville Milling Co	Unionville	Flour and feed	6	21	27	....	1912
Sept. 18	Wilson, Wm. E	Unionville	Woodwork	3	....	3	....	1911
Aug. 26	Brock, A. F	Vassar	Monuments	1	....	1	....	1884
Aug. 26	Butcher Folding Crate Co	Vassar	Folding crates	35	18	53	8	1907
Aug. 26	Halpin Creameries	Vassar	Dairy products	4	....	4	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	TUSCOLA CO.—*Con.*							
Aug. 26	Miller Grain Co	Vassar	Feed and meal	5	11	16	....	1903
Aug. 26	Reliance Milling Co	Vassar	Grain and beans	8	19	27	....	1900
Aug. 26	Stage, F. F	Vassar	Cigars	3	1	4	....	1907
Aug. 26	Tuscola County Pioneer	Vassar	Printed matter	2	2	4	....	1900
Aug. 26	Vassar Electric Light & Water Works	Vassar	Light and water	5	....	5	....	1900
Aug. 26	Vassar Farmers' Elevator Co	Vassar	Grain	5	22	27	....	1910
Aug. 26	Vassar Milk Condensing Co	Vassar	Condensed milk	7	....	7	....	1912
Aug. 26	Vassar Steam Laundry	Vassar	Laundry	3	2	5	....	1895
	VAN BUREN COUNTY.							
Sept. 9	Almena Mills	Almena	Flour and feed	3	....	3	....	1858
July 24	Bangor Advance, The	Bangor	Printed matter	2	1	3	....	1873
July 24	Bangor Creamery Co	Bangor	Dairy products	1	....	1	....	1912
July 25	Bangor Elevator Supply Co	Bangor	Grain and coal	2	1	3	....	1907
July 24	Bangor Flouring Mill	Bangor	Flour and feed	2	....	2	....	1857
July 24	Bangor Light & Water Plant	Bangor	Light and water	3	....	3	....	1903
July 25	Black River Flouring Mill	Bangor	Flour and feed	1	....	1	....	1912
July 24	Broadwell, W. M. Lumber Co	Bangor	Building material	9	1	10	....	1877
July 24	Carpp Canning Co	Bangor	Canned goods	12	51	63	3	1912
July 24	Freestone Pickle Co	Bangor	Pickles	6	6	12	....	1903
July 24	Wolverine Barrel Co	Bangor	Barrels	6	....	6	....	1913
Sept. 10	Benton Fruit Products Co	Breedsville	Pickles	2	....	2	....	1909
Sept. 10	Frude, Wm	Breedsville	Cement blocks, etc	2	....	2	....	1912
Sept. 10	Hawley, Geo. H	Breedsville	Flour and feed	2	....	2	....	1838
July 28	Bloomingdale Granite Co	Bloomingdale	Monuments	4	....	4	....	1897
July 28	Bloomingdale Leader	Bloomingdale	Printed matter	1	....	1	....	1881
July 28	Bloomingdale Milling Co	Bloomingdale	Flour and feed	4	1	5	....	1911
July 28	Linton, Charles	Bloomingdale	Butter	2	....	2	....	1900
July 28	Mauk, Dan Co	Bloomingdale	Repairing	3	....	3	....	1889
July 28	Williams Bros. Co., The	Bloomingdale	Pickles	3	....	3	....	1900
July 23	Spelman, J. R. & Co	Covert	Feed	3	....	3	....	1898
July 23	Woodard, L. Pickle Co	Covert	Pickles	3	1	4	....	1911
July 26	Decatur Creamery Co	Decatur	Butter	1	....	1	....	....
July 26	Decatur Electric Light & Water Works	Decatur	Light and water	2	....	2	....	1898
July 26	Decatur Hoop & Lumber Co., Ltd	Decatur	Hoops and lumber	17	....	17	1	1903
July 26	Decatur Milling Co	Decatur	Flour, etc	5	....	5	....	1901
July 26	Decatur Republican, The	Decatur	Printed matter	3	....	3	....	1867
July 26	Hinkley, Roberts & Co	Decatur	Grain measures, etc	13	....	13	....	1889
July 28	Glendale Creamery Co	Glendale	Butter	2	....	2	....	1888
July 28	Budlong Pickle Co	Gobleville	Pickles	4	3	7	....	1913
July 28	Gobleville Creamery Co	Gobleville	Butter	3	....	3	....	1898
July 28	Gobleville Milling Co., The	Gobleville	Flour and feed	3	....	3	....	1901
Sept. 9	National Pickle & Canning Co	Grand Junction	Pickles	2	1	3	....	1897
July 19	Anderson Flouring Mill	Hartford	Flour and feed	3	....	3	....	1871
July 19	Carpp Canning Factory	Hartford	Canned goods	7	5	12	....	1910
July 18	Finley, Edward	Hartford	Grain, feed, etc	2	....	2	....	1902
July 19	Hartford Canning Factory	Hartford	Canned goods	6	16	22	....	1908
July 18	Hartford City Mills	Hartford	Flour and feed	2	....	2	....	1910
Aug. 21	Hartford Day Spring, The	Hartford	Printed matter	3	1	4	....	1870
July 19	Hartford Water Works	Hartford	Water	1	....	1	....	1899
July 19	High & Thompson	Hartford	Grain, hay, etc	2	....	2	....	1899
July 19	Leach, Clare	Hartford	Auto repairing	2	....	2	....	1909
July 19	Nichols, J. F	Hartford	Feed	2	....	2	....	1906
July 18	Walker, L. P	Hartford	Hoops, headings, etc	11	....	11	....	1908
Aug. 21	Woodard, L. Pickle Co., The	Hartford	Pickles	3	1	4	....	1912

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Factory Inspection.—Continued.

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	VAN BUREN CO.—*Con.*							
Sept. 9	Williams Bros. Co., The	Kendall	Pickles	2	....	2	....	1901
Sept. 9	Christian, W. E.	Lacota	Feed	2	....	2	....	1901
Sept. 9	Lacota Cider, Vinegar & Pickle Co.	Lacota	Pickles	3	....	3	....	1906
Aug. 21	Lawrence Canning Co.	Lawrence	Canned goods	21	53	74	....	1911
July 17	Lawrence Creamery Co.	Lawrence	Butter	2	....	2	....	1897
July 17	Lawrence Roller Mills	Lawrence	Flour and feed	1	....	1	....	1868
Aug. 21	National Pickle & Canning Co.	Lawrence	Pickles	2	1	3	....	1900
July 17	Rowland Planing Mill, The	Lawrence	Lumber	1	....	1	....	1888
July 17	Wallace & Lockwood	Lawrence	Headings, etc.	10	....	10	....	1910
July 16	Beam, E. & Son	Lawton	Flour and feed	2	....	2	....	1891
Aug. 22	Budlong Pickle Co.	Lawton	Pickles	6	1	7	....	1909
July 16	Burch-Kane Co., Inc.	Lawton	Glue, etc.	3	....	3	....	1911
Aug. 22	Keokuk Canning Co.	Lawton	Pickles	3	1	4	....	1908
July 16	Lawton Basket Co.	Lawton	Fruit packages	8	4	12	....	1910
July 16	Lawton Electric Light & Water Works	Lawton	Light and water	1	....	1	....	1901
July 16	Lawton Leader, The	Lawton	Printed matter	4	1	5	....	1887
Oct. 27	Smith, J. Hungerford Grape Juice Co.	Lawton	Grape juice	11	2	13	....	1912
July 16	Armour & Co.	Mattawan	Grape juice	43	2	45	....	1909
Aug. 20	Budlong Pickle Co.	Mattawan	Pickles	4	3	7	....	1911
Aug. 20	Keokuk Canning Co.	Mattawan	Pickles	3	1	4	....	1910
Sept. 9	Todd, A. M. Co.	Mentha	Peppermint oil	107	1	108	....	1868
Aug. 19	Budlong Pickle Co.	Paw Paw	Pickles	9	....	9	....	1909
July 14	Central Mills	Paw Paw	Flour and feed	4	....	4	....	1878
July 14	Deal, Joseph	Paw Paw	Staves, headings, etc.	26	....	26	....	1908
July 15	Dunbar, Harry J.	Paw Paw	Plumbing	3	1	4	....	1904
July 14	Free, Hall & Muchler Lumber Co.	Paw Paw	Sash, doors, etc.	9	....	9	....	1847
July 14	Free Press & Courier	Paw Paw	Printed matter	3	....	3	....	1843
July 14	Griffith, L. E.	Paw Paw	Cigars	3	....	3	....	1908
July 14	Kalamazoo, Lake Shore & Chicago R. R. Co.	Paw Paw	Car repairing	8	....	8	....	1900
Aug. 19	Keokuk Canning Co.	Paw Paw	Pickles	2	....	2	....	1911
Aug. 18	Maple City Canning Co.	Paw Paw	Canned goods	10	39	49	2	1913
July 15	Michigan Fruit Exchange	Paw Paw	Fruit packages	3	3	6	....	1907
July 14	Paw Paw Basket Co.	Paw Paw	Fruit packages	14	2	16	....	1911
July 16	Paw Paw Creamery	Paw Paw	Butter	1	....	1	....	1913
July 15	Paw Paw Electric Light Plant	Paw Paw	Light and power	3	....	3	....	1908
July 14	Paw Paw Garage	Paw Paw	Auto repairing	3	....	3	....	1910
July 15	Paw Paw Grape Juice Co., Ltd.	Paw Paw	Grape juice	10	2	12	....	1903
Aug. 18	Paw Paw Monumental Works	Paw Paw	Monuments	4	....	4	....	1865
July 15	Paw Paw Roller Mills	Paw Paw	Flour and feed	2	....	2	....	1905
July 15	Paw Paw Water Works	Paw Paw	Water	2	....	2	....	1888
July 15	True Northerner, The	Paw Paw	Printed matter	2	1	3	....	1855
July 14	Walker & Hirleman	Paw Paw	Laundry	3	5	8	....	1893
July 15	Young, Chas. C.	Paw Paw	Builders' supplies	15	....	15	....	1905
July 23	Cable-Nelson Piano Co.	South Haven	Pianos	134	....	134	....	1905
July 23	Casavant Bros.	South Haven	Pipe organs	25	4	29	1	.....
July 21	Durkee, J. E.	South Haven	Baked goods	5	....	5	....	1907
July 21	Dyckman, Evert S.	South Haven	Cigars	5	2	7	....	1888
July 21	Hand Vacuum Co., The	South Haven	Vacuum cleaners	4	....	4	....	1912
July 21	Johnston-Griffin Machine Co.	South Haven	Repairing	5	....	5	....	1908
July 22	Klock & Sherwood	South Haven	Cigars	3	....	3	....	1900
July 21	Krause, Roy	South Haven	Cigars	2	1	3	....	1902
July 22	Mapes, E. B. & Co.	South Haven	Repairing	1	....	1	....	1899
July 22	Melin-Winkel Piano Co.	South Haven	Pianos	9	....	9	....	1909
July 21	Municipal Light & Water Works	South Haven	Light and water	19	2	21	1	1892
July 23	Overton, S. E. Co.	South Haven	Wood carving	61	2	63	....	1908

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Factory Inspection.—Continued.

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	VAN BUREN CO.—*Con.*							
July 22	Pierce-Williams Co., The	South Haven	Fruit packages	39	9	48	1	1882
July 23	Pneumatic Cleaner Co	South Haven	Carpet cleaners	3	1	4	....	1911
July 22	Randall, J. C. & Son	South Haven	Interior finish	2	....	2	....	1897
July 21	Rapp, Fred G	South Haven	Feed	3	....	3	1	1908
July 22	South Haven Gas Co	South Haven	Gas	9	1	10	....	1902
July 21	South Haven Laundry Co	South Haven	Laundry	25	10	35	18	.....
July 22	South Haven Preserving Co	South Haven	Canned goods	3	2	5	....	1896
July 21	Tribune Co., The	South Haven	Printed matter	6	4	10	1	1902
	WASHTENAW CO.							
July 23	Ann Arbor Buggy Co	Ann Arbor	Buggies	21	....	21	....	1909
Sept. 5	Ann Arbor Fluff Rug Co	Ann Arbor	Rugs	7	4	11	....	1895
Sept. 5	Ann Arbor Home Bakery	Ann Arbor	Baked goods	15	1	16	....	1904
July 22	Ann Arbor Machine Co	Ann Arbor	Hay presses	67	2	69	....	1857
July 23	Ann Arbor Piano Co	Ann Arbor	Pianos	36	1	37	....	1873
Sept. 5	Ann Arbor Press	Ann Arbor	Job printing	15	7	22	....	1903
Sept. 5	Ann Arbor Steam Dye Works	Ann Arbor	Cleaning and dyeing	1	4	5	....	1890
Sept. 12	Ann Arbor Times-News Co	Ann Arbor	Printed matter	19	3	22	....	1835
Sept. 6	Ann Arbor Water Co., No. 1	Ann Arbor	Water	5	1	6	....	.....
Sept. 5	Ann Arbor Water Works	Ann Arbor	Water	3	....	3	....	.....
July 22	Argo Sub-station	Ann Arbor	Electricity	3	....	3	....	1896
Sept. 5	Athens Press	Ann Arbor	Job printing	1	1	2	....	1900
Sept. 5	Buckhorn Garment Co	Ann Arbor	Overalls, etc	2	8	10	....	1911
Nov. 12	Busy Bee	Ann Arbor	Candy, etc	3	5	8	....	1912
July 22	City Laundry	Ann Arbor	Laundry	2	3	5	....	1892
Sept. 5	Come-Packt Furniture Co	Ann Arbor	Furniture	42	1	43	1	1908
Nov. 11	Cosgrove, Mrs. G. H	Ann Arbor	Millinery	.....	4	4	....	1909
Sept. 5	Davis-Ohlinger	Ann Arbor	Job printing	2	....	2	....	1911
Sept. 12	Eastern Michigan Edison Co	Ann Arbor	Electricity	3	....	3	....	1913
July 22	Economy Baler Co	Ann Arbor	Paper balers	33	2	35	....	1911
Nov. 11	Fogerty, Mrs. Emma B	Ann Arbor	Millinery	.....	2	2	....	1893
July 23	Gill, C. W. Lumber Co	Ann Arbor	Lumber	1	....	1	....	1895
Nov. 12	Goldman Bros	Ann Arbor	Cleaning and dyeing	6	4	10	....	1910
July 22	Hammond Beef Co	Ann Arbor	Meats	3	....	3	....	1890
Nov. 12	Hayley, Miss Emily E	Ann Arbor	Millinery	.....	3	3	....	1897
Nov. 12	Henry & Co	Ann Arbor	Custom clothing	7	3	10	....	1898
Sept. 5	Home Laundry	Ann Arbor	Laundry	2	7	9	....	1899
Sept. 11	Hoover Steel Ball Co	Ann Arbor	Steel balls	149	3	152	....	1912
Sept. 5	Hutzel & Co	Ann Arbor	Plumbing	2	....	2	....	1893
Sept. 5	Kerr, Clyde C	Ann Arbor	Job printing	1	....	1	....	1905
Nov. 8	Krug, Charles O	Ann Arbor	Custom clothing	1	1	2	....	1913
Nov. 12	Krutsch, Max	Ann Arbor	Custom clothing	2	1	3	....	1911
Nov. 12	Kyer, Geo. W	Ann Arbor	Custom clothing	3	1	4	....	1906
Nov. 11	Leckie, Mrs. A. M	Ann Arbor	Millinery	.....	2	2	....	1913
July 22	Luick Bros. & Co	Ann Arbor	Office furniture fixtures	22	....	22	....	1873
Nov. 12	Malcolm, J. Karl	Ann Arbor	Custom clothing	2	1	3	....	1907
July 22	Michigan Central Railroad	Ann Arbor	Freight	16	....	16	....	1860
July 23	Michigan Furniture Co	Ann Arbor	Furniture	50	....	50	....	1866
July 22	Michigan Milling Co	Ann Arbor	Cooperage	1	....	1	....	1900
July 22	Michigan Milling Co	Ann Arbor	Flour and grain	9	1	10	....	1900
July 23	Michigan Milling Co	Ann Arbor	Flour and seeds	25	26	51	....	1900
Sept. 12	Michigan State Telephone Co	Ann Arbor	Telephone service	4	54	58	....	1881
July 23	Michigan Union Brewing Co	Ann Arbor	Beer	14	....	14	....	1902
Sept. 5	Millard, S. W	Ann Arbor	Job printing	3	1	4	....	1891
Nov. 12	Quality Tailors, The	Ann Arbor	Custom clothing	2	....	2	....	1910

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Factory Inspection.—Continued.

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	WASHTENAW CO.—*Con.*							
Nov. 12	Richardson, Miss Dana	Ann Arbor	Millinery	.....	3	3	....	1913
Sept. 5	Rowe's Laundry	Ann Arbor	Laundry	2	2	4	....	1899
Nov. 10	Russell, Miss Ella M	Ann Arbor	Millinery	.....	5	5	....	1905
July 23	Sauer, Chas. A. & Co	Ann Arbor	Lumber, sash, doors, etc	74	....	74	....	1899
Sept. 5	Schumacker & Backus	Ann Arbor	Plumbing	2	....	2	....	1894
Sept. 5	Staffan, C. L	Ann Arbor	Cigars	11	2	13	....	1905
July 23	Star Motor Car Co	Ann Arbor	Auto trucks	9	1	10	....	1910
July 23	Superior Mfg. Co	Ann Arbor	Windshields	107	4	111	....	1900
Nov. 12	Varsity Laundry	Ann Arbor	Laundry	4	37	41	....	1905
Sept. 5	Walker & Co	Ann Arbor	Buggies and sleighs	9	....	9	....	1867
Nov. 12	Wagner & Co	Ann Arbor	Custom clothing	1	7	8	....	1890
July 24	Washtenaw Gas Co	Ann Arbor	Gas and coke	61	1	62	....	1858
Nov. 12	Webb, L. A	Ann Arbor	Candy, etc	4	2	6	....	1912
Nov. 12	Wild, G. H. Co	Ann Arbor	Custom clothing	10	....	10	....	1888
July 22	White Swan Laundry, The	Ann Arbor	Laundry	.....	5	5	....	1907
July 22	Wood, Frank	Ann Arbor	Lumber	4	....	4	....	1875
July 22	Wurster Bros	Ann Arbor	Dairy products	7	....	7	....	1908
Sept. 5	Zackman & Arnet	Ann Arbor	Stone cutting	4	....	4	....	1901
Nov. 12	Zwerdling, Osias	Ann Arbor	Custom clothing	2	3	5	....	1905
Aug. 7	Au Sable Electric Co	Chelsea	Electricity	2	....	2	....	1900
Aug. 7	Bacon & Holmes Co	Chelsea	Flour and feed	2	....	2	....	1901
Aug. 8	Bacon & Holmes Co	Chelsea	Coal and wood	6	....	6	....	1901
Aug. 7	Chelsea Elevator Co	Chelsea	Feed, grain, etc	1	....	1	....	1908
Aug. 7	Chelsea Light & Water Works	Chelsea	Light and water	4	....	4	....	1886
Sept. 6	Chelsea Roller Mills	Chelsea	Flour	2	....	2	....	1908
Aug. 7	Chelsea Screw Works	Chelsea	Screws	2	....	2	....	1913
Sept. 6	Chelsea Standard	Chelsea	Printed matter	1	....	1	....	1899
Sept. 6	Chelsea Steam Laundry	Chelsea	Laundry	.....	2	2	....	1894
Sept. 6	Chelsea Tribune	Chelsea	Printed matter	2	1	3	....	1907
Aug. 7	Faist, A. G	Chelsea	Auto repairing	2	....	2	....	1897
Aug. 7	Harris Bros. Co	Chelsea	Motor cycles	41	1	42	....	1913
Sept. 6	Towar's Creamery	Chelsea	Dairy products	1	....	1	....	1900
Sept. 13	Dexter Roller Mills	Dexter	Flour and feed	2	....	2	....	1901
Sept. 13	Towar's Creamery	Dexter	Dairy products	1	....	1	....	1900
Sept. 13	Kimball, W	Manchester	Lumber	3	....	3	....	1890
Sept. 13	Lonier & Hoffer	Manchester	Flour and grain	3	....	3	....	1900
Sept. 12	Eastern Michigan Edison Co	Milan	Electricity	2	....	2	....	1911
Sept. 12	Milan Leader	Milan	Printed matter	1	2	3	....	1906
Sept. 12	Milan Register Co	Milan	Registers, etc	166	5	171	....	1907
Sept. 6	Detroit, Jackson & Chicago Ry	Saline	Telegraph service	1	....	1	....	1907
Sept. 6	Saline Creamery, The	Saline	Dairy products	4	....	4	....	1893
Aug. 4	Beranek, F. W	Ypsilanti	Custom clothing	1	1	2	....	1912
Aug. 5	Clark's Bakery	Ypsilanti	Ice cream	13	3	16	....	1905
July 21	Dawson, Martin	Ypsilanti	Flour and feed	3	....	3	....	1907
July 21	Detroit, Jackson & Chicago Ry	Ypsilanti	Car repairing	15	....	15	....	.....
Aug. 5	Flexible Mesh Rail Bond Co., The	Ypsilanti	Rail bonds	1	....	1	....	1908
July 21	Forester, L. G. Brewing Co	Ypsilanti	Beer	10	1	11	....	1891
Aug. 5	Hankinson, O. A	Ypsilanti	Plumbing	8	1	9	....	1905
Aug. 5	Lewis-Geer Mfg. Co., The	Ypsilanti	Express wagons	10	....	10	....	1909
July 21	McCullough, W. L	Ypsilanti	Machinery	13	1	14	....	1905
July 21	Michigan Ladder Co	Ypsilanti	Ladders	38	1	39	....	1901
July 21	Michigan Press Co	Ypsilanti	Presses and drills	27	....	27	....	1910
Aug. 5	Moorman, B. G	Ypsilanti	Flour and feed	5	....	5	....	1879
Aug. 5	Oak Knitting Co	Ypsilanti	Knit goods	24	64	88	....	1911
Aug. 5	Peninsular Paper Co	Ypsilanti	Paper	87	48	135	....	1863
Aug. 5	Scharf Tag, Label & Box Co	Ypsilanti	Boxes, tags, etc	41	28	69	1	1887
Aug. 5	Schible-Wiedman Auto Co	Ypsilanti	Auto repairing	6	1	7	....	1911
Aug. 4	Scoville, H. R	Ypsilanti	Lumber	3	....	3	....	1869
Aug. 5	Standard Printing Co., The	Ypsilanti	Printed matter	1	....	1	....	1909
July 21	Thompson, O. E. & Sons	Ypsilanti	Seeders	24	1	25	....	1857

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WASHTENAW CO.—*Con.*							
July 21	United States Pressed Steel Co	Ypsilanti	Whiffle trees	16	2	18	....	1910
Aug. 5	Waterman, D. B	Ypsilanti	Plumbing	7	1	8	....	1909
Aug. 5	White Laundry Co	Ypsilanti	Laundry	4	11	15	....	1873
July 21	Ypsilanti Dairy Co	Ypsilanti	Dairy products	11	....	11	....	1891
Aug. 5	Ypsilanti Garment Co	Ypsilanti	Dresses	1	9	10	....	1912
Aug. 4	Ypsilanti Gas Co	Ypsilanti	Gas	15	1	16	....	1882
July 21	Ypsilanti Hay Press Co	Ypsilanti	Hay presses	14	....	14	....	1905
Aug. 5	Ypsilanti Indian Shoe Co	Ypsilanti	Shoes	2	9	11	....	1910
July 21	Ypsilanti Machine Works	Ypsilanti	Machinery	13	1	14	....	1889
Aug. 5	Ypsilanti Milling Co	Ypsilanti	Flour and feed	5	1	6	....	1908
July 21	Ypsilanti Press, The	Ypsilanti	Printed matter	9	4	13	....	1908
July 21	Ypsilanti Water Works	Ypsilanti	Light and water	5	....	5	....	1889
	WAYNE COUNTY.							
Nov. 24	Alban Lumber Co	Belleville	Building material	2	....	2	....	1898
Nov. 24	Belleville Flouring Mills	Belleville	Flour	2	....	2	....	1893
Nov. 24	Van Buren Creamery Co	Belleville	Dairy products	3	....	3	....	1898
Nov. 17	Arndt, Emil	Dearborn	Meats	3	....	3	....	1905
Nov. 17	Detroit, Jackson & Chicago Ry. Co	Dearborn	Car repairing	4	....	4	....	1898
Nov. 17	Eastern Michigan Edison Co	Dearborn	Electricity	6	....	6	....	1911
Nov. 17	Huron Motor Car Co	Dearborn	Automobiles	3	....	3	....	1911
Nov. 17	Kandt, Chas. A	Dearborn	Farm implements	7	....	7	....	1909
Nov. 17	Lapham, S. D. & Co., Inc	Dearborn	Lumber	14	....	14	....	1910
Nov. 17	Twork Bros	Dearborn	Blacksmithing	3	....	3	....	1900
Nov. 17	Wallace, M. B	Dearborn	Lumber	3	....	3	....	1904
Nov. 18	Wayne Bakery, The	Dearborn	Baked goods	3	....	3	....	1888
Aug. 14	Abbey-Barnum-Cartwright Co	Detroit	Wire and iron	13	....	13	2	1911
Sept. 22	Abbott Iron & Wire Works	Detroit	Iron and wire	12	....	12	1	1911
Sept. 3	Abbott Motor Co	Detroit	Automobiles	163	15	178	....	1910
Oct. 24	Ackerman & McNamara	Detroit	Painting, etc	39	4	43	....	1912
Nov. 6	Acme Chemical Co., The	Detroit	Toilet articles	4	....	4	....	1900
Sept. 11	Acme Electric Heater Co	Detroit	Heaters	11	5	16	....	1906
Sept. 25	Acme Fancy Wire Works	Detroit	Fixtures	6	1	7	....	1893
Sept. 11	Acme Foundry Co	Detroit	Castings	58	1	59	....	1903
Dec. 3	Acme Mfg. Co	Detroit	Dies	4	....	4	....	1910
April 29	Acme Pattern Works	Detroit	Patterns	24	1	25	....	1909
Sept. 17	Acme Repair & Tire Co	Detroit	Auto tires	6	....	6	....	1911
May 8	Acme Repair & Tire Co	Detroit	Repairing	10	....	10	....	1911
Sept. 17	Acme Sales Co	Detroit	Auto supplies	3	1	4	....	1910
May 1	Acme Stamp Co	Detroit	Stamps and stencils	4	....	4	....	1910
Oct. 20	Acme Storage Co	Detroit	Storage	5	....	5	....	1906
Sept. 22	Adams Garage	Detroit	Auto repairing	3	....	3	....	1913
Nov. 1	Adams, J. H	Detroit	Sheet metal	3	....	3	....	1895
Nov. 12	Adams, Wm. A	Detroit	Plumbing	9	1	10	....	1913
Aug. 5	Adams, W. R. & Co	Detroit	Job printing	2	....	2	....	1899
Sept. 9	Advance Machine Co	Detroit	Machinery	54	1	55	....	1910
May 5	Advance Pattern Works	Detroit	Patterns	6	....	6	....	1910
May 3	Advance Printing Co	Detroit	Job printing	1	1	2	....	1912
Oct. 10	Aetna Chemical Co	Detroit	Toilet articles	1	4	5	....	1903
May 17	Ainger Printing Co	Detroit	Job printing	8	3	11	....	1907
Dec. 10	Aikman Bakery Co	Detroit	Baked goods	6	1	7	....	1900
Sept. 3	Alexander, E. M	Detroit	Tin and copper	7	1	8	....	1904
Nov. 14	Allan Bros	Detroit	Lumber	8	2	10	....	1907
Nov. 6	Allen, E. B	Detroit	Tailoring	2	4	6	....	1903

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
July 23	Allen, Mark W. & Co	Detroit	Toilet articles	7	4	11	....	1898
Oct. 13	Allen, Wm. H. & Co	Detroit	Petticoats	1	8	9	....	1898
Oct. 28	Alliance Laundry	Detroit	Laundry	2	9	11	....	1909
Aug. 7	Allyne Brass Foundry Co., The	Detroit	Brass goods	69	4	73	2	1904
Sept. 22	Altenfeld, R	Detroit	Baked goods	2	1	3	....	1908
Aug. 25	Aluminum Castings Co., The	Detroit	Castings	128	15	143	....	1901
Aug. 6	Aluminum Castings Co., The	Detroit	Castings	469	6	475	....	1907
Dec. 10	American Agricultural Chemical Co., The	Detroit	Fertilizers, glue, etc	282	51	333	....	1879
July 31	American Air Compressor Co	Detroit	Air compressors	64	1	65	....	1913
June 7	American Art Glass Co., The	Detroit	Art glass	15	....	15	....	1912
Aug. 11	American Auto Trimming Co	Detroit	Auto trimming	128	33	161	....	1909
Aug. 12	American Auto Trimming Co., No. 2	Detroit	Auto body finishing	297	27	324	1	1912
Nov. 14	American Auto Trimming Co., No. 3	Detroit	Auto trimming	53	....	53	....	1909
Aug. 1	American Auto Trimming Co., No. 4	Detroit	Auto tops	23	20	43	....	1909
Aug. 5	American Blower Co., No. 2	Detroit	Castings	107	....	107	....	1904
Aug. 14	American Blower Co., No. 1	Detroit	Blowers	491	25	516	....	1909
Aug. 6	American Boat Co	Detroit	Boats	11	....	11	....	1912
Sept. 26	American Boy Pant Co	Detroit	Pants	4	6	10	....	1913
Aug. 13	American Brass & Iron Co	Detroit	Brass goods	52	....	52	4	1905
Sept. 4	American Brewing Co	Detroit	Beer	36	1	37	....	1890
Oct. 3	American Bridge Co	Detroit	Steel bridges, etc	218	....	218	....	.....
Dec. 10	American Butter & Cheese Co	Detroit	Dairy produce	39	2	41	....	1904
Dec. 1	American Calk Co	Detroit	Calks	17	8	25	....	1905
July 24	American Cap Screw Co	Detroit	Cap screws	18	1	19	....	1912
May 9	American Car & Foundry Co	Detroit	Bar iron	713	....	713	1	1888
Aug. 18	American Car & Foundry Co	Detroit	Freight cars	2,171	3	2,174	....	1889
Oct. 8	American Carriage & Wagon Works	Detroit	Carriages and wagons	20	1	21	....	1902
June 23	American Cigar Co	Detroit	Cigars	35	441	476	42	1901
Aug. 4	American Electric Co	Detroit	Electrical supplies	19	2	21	....	1904
Dec. 4	American Electrical Heater Co	Detroit	Heaters	166	74	240	4	1894
Nov. 4	American Garment Cleaning Co	Detroit	Cleaning and pressing	5	6	11	....	1896
Dec. 8	American Girl Garment Co	Detroit	Dresses	4	37	41	....	1909
Aug. 13	American Harrow Co	Detroit	Farm implements	82	9	91	....	1882
Nov. 13	American Injector Co	Detroit	Brass goods	75	2	77	3	1884
Sept. 18	American Lady Corset Co., Inc	Detroit	Corsets	217	1083	1,300	47	1879
Aug. 1	American Lubricator Co	Detroit	Lubricators	89	1	90	....	1901
Nov. 21	American Malting Co	Detroit	Grain	36	....	36	....	1897
Sept. 23	American Paper Stock Co., The	Detroit	Waste	4	10	14	....	1908
Dec. 23	American Plumbing Mfg. Co	Detroit	Plumbers' supplies	3	....	3	....	1902
Nov. 21	American Pop Corn Co	Detroit	Pop corn	1	2	3	....	1903
May 7	American Press Association	Detroit	Stereotype plates	8	1	9	....	1901
Aug. 20	American Printing Co	Detroit	Job printing	46	7	53	....	1911
Aug. 19	American Radiator Co	Detroit	Boilers	593	3	596	1	1892
July 25	American Radiator Co	Detroit	Radiators	613	2	615	....	1892
Nov. 10	American Roofing Co	Detroit	Sheet metal	37	....	37	4	1900
Sept. 30	American Roofing Co	Detroit	Roofing, etc	32	....	32	....	1898
Oct. 10	American Sanitary Products Co	Detroit	Sanitary supplies	3	2	5	....	1910
Oct. 7	American Seed Co	Detroit	Seeds	16	22	38	1	1903
Oct. 4	American Smelting Works	Detroit	Smelting	6	....	6	....	1910
Dec. 31	American Still Alarm	Detroit	Electrical supplies	14	21	35	....	1900
Sept. 11	American Tap-Bush Co	Detroit	Taps, etc	17	....	17	....	1898
June 24	American Typograph Co	Detroit	Typesetting machines	8	2	10	....	1906
Nov. 21	American Wire & Iron Works	Detroit	Wire and iron	5	....	5	....	1908
Nov. 21	Ames, Louis	Detroit	Hardware	2	1	3	....	1891
June 26	Amos, Charles & Co	Detroit	Wire and iron	16	....	16	....	1898

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Dec. 31	Amoskeag Gingham Apron Co	Detroit	Aprons	2	21	23	....	1905
Aug. 21	Anderson Forge & Machine Co	Detroit	Castings	134	2	136	....	1906
Sept. 17	Anderson Electric Car Co	Detroit	Electric cars	676	20	696	1	1895
Oct. 1	Anderson Electric Car Co	Detroit	Auto repairing	6	1	7	....	1899
May 1	Anderson, Kenneth Mfg. Co	Detroit	Pipe fittings	7	3	10	....	1892
Oct. 27	Anderson, W. H. Tool & Supply Co	Detroit	Tools	47	1	48	....	1871
Sept. 19	Andrews, A. W	Detroit	Furniture	4	....	4	....	1903
Dec. 10	Angelus Publishing Co	Detroit	Printed matter	3	3	6	....	1894
Aug. 30	Angora Knitting Mill	Detroit	Knit goods	1	15	16	....	1880
Aug. 5	Anguish Mfg. Co	Detroit	Radiators	43	1	44	....	1913
June 27	Annis, Newton	Detroit	Furs	30	47	77	4	1877
Sept. 22	Apel, Alfred J	Detroit	Jewelry	2	....	2	....	1911
Nov. 25	Apel, Wm	Detroit	Coal	4	1	5	....	1903
May 12	Applebaum, P. S. Co	Detroit	Metals	3	....	3	....	1887
Oct. 10	Aram, M. H	Detroit	Custom clothing	4	....	4	....	1908
Nov. 21	Arcade Hardware Store	Detroit	Hardware	9	....	9	....	1909
Oct. 28	Architectural Mold Co	Detroit	Molds	5	....	5	....	1905
Nov. 21	Arctic Ice Cream Co	Detroit	Ice cream	48	1	49	....	1908
Aug. 26	Armature and Motor Works	Detroit	Repairing	6	....	6	....	1913
June 11	Armitage Enamel Leather Co	Detroit	Leather	13	....	13	....	1912
Dec. 3	Armstrong, A. R	Detroit	Interior finish	23	1	24	....	1908
July 31	Armstrong, A. R	Detroit	Doors and interior finish	25	1	26	....	1909
Sept. 17	Armstrong, B. Co., The	Detroit	Roofing	8	1	9	....	1863
Sept. 3	Armstrong Co., The	Detroit	Cement	7	1	8	....	1911
Dec. 9	Armstrong & Graham	Detroit	Harness	85	8	93	....	1908
Aug. 1	Armstrong Tanning Co	Detroit	Leather	28	....	28	....	1911
Sept. 22	Arnold, Joe	Detroit	Baked goods	1	1	2	....	1907
Sept. 5	Art Brass & Wire Works	Detroit	Metal parts	23	....	23	....	1896
June 5	Art Grille & Mfg. Co	Detroit	Grills	5	....	5	....	1907
June 3	Art Glass Co., The	Detroit	Glass	18	....	18	....	1907
Oct. 1	Artcraft Letter Shop	Detroit	Multigraphing	1	2	3	....	1913
July 28	Artcraft Lithographing Co	Detroit	Lithographing	32	6	38	2	1904
June 25	Art Marble Mosaic & Tile Co., The	Detroit	Tile	13	....	13	....	1910
Oct. 24	Art Millinery, The	Detroit	Millinery	.....	11	11	....	1911
Nov. 1	Art Pattern Works	Detroit	Patterns	6	....	6	....	1907
Sept. 30	Art Printing Co	Detroit	Job printing	7	....	7	1	1913
Aug. 25	Art Stove Co	Detroit	Stoves and furnaces	301	8	309	....	1887
Nov. 7	Art Tailoring Co	Detroit	Custom clothing	7	6	13	....	1913
Dec. 16	Asman & Dunn	Detroit	Flowers	7	....	7	....	1889
Dec. 11	Astleford, James	Detroit	Wagon repairing	3	....	3	1	1906
April 30	Aston, Wm. H	Detroit	Job printing	4	....	4	....	1909
Aug. 6	Atlas Foundry Co	Detroit	Castings	94	1	95	....	1910
Aug. 26	Ats & Schairer	Detroit	Baked goods	3	1	4	....	1903
Sept. 24	Aumann, C. M	Detroit	Baked goods	3	2	5	....	1905
May 8	Austin-Olson Co., The	Detroit	Storage	4	....	4	....	1912
Aug. 12	Auto Crank Shaft Co	Detroit	Crank shafts	112	3	115	....	1906
Oct. 21	Auto City Bow Co	Detroit	Tops, bows, etc	8	....	8	....	1913
Dec. 9	Automobile Laundry	Detroit	Storage	12	....	12	....	1913
Aug. 18	Autoparts Mfg. Co	Detroit	Autoparts	57	5	62	....	1909
May 19	Auto Tire Repair Co	Detroit	Tire repairing	7	....	7	....	1902
Oct. 17	Avenue Bakery	Detroit	Baked goods	1	2	3	....	1903
Nov. 17	Aylward, Richard L. Coal Yard	Detroit	Coal	8	....	8	....	1909
Aug. 7	Aylward, R. L	Detroit	Coal and coke	46	....	46	....	1904
Sept. 23	Babcock, Ben	Detroit	Junk	13	....	13	....	1906
Sept. 9	Backus, A. Jr., & Sons	Detroit	Boxes	50	2	52	1	1865

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Oct. 8	Borlaski, Joe	Detroit	Baked goods	2	1	3	....	1913
July 24	Bader Bros	Detroit	Baked goods	4	2	6	....	1887
Nov. 5	Bader Tailoring Co., The	Detroit	Custom clothing	7	2	9	....	1912
Dec. 31	Baets, Andrew	Detroit	Cigars	9	....	9	....	1895
Sept. 4	Bagley, John J. & Co	Detroit	Tobacco	190	260	450	15	1852
Oct. 9	Bahlow, Charles	Detroit	Fish	4	....	4	....	1898
Oct. 6	Bailey, Mrs. Byron Walter	Detroit	Millinery	....	2	2	....	1911
June 5	Baisch, J. F	Detroit	Cutlery	3	....	3	....	1866
Sept. 4	Baitinger, Wm. L	Detroit	Cut stone	3	....	3	....	1913
Sept. 26	Baker Art Studio	Detroit	Photographs	3	4	7	1	1884
May 7	Baker-Marwil	Detroit	Cravats	3	13	16	....	1911
Oct. 9	Baker & Pulcifer	Detroit	Millinery	....	4	4	....	1909
Oct. 7	Baldridge Gear Co	Detroit	Gears	39	1	40	....	1909
Oct. 30	Baldwin, O. R	Detroit	Auto repairing	7	....	7	....	1911
Aug. 16	Ballantine Co., The	Detroit	Custom clothing	12	5	17	....	1907
Oct. 2	Ball, Ed	Detroit	Trucking	4	....	4	....	1898
Oct. 27	Ballman, W. E	Detroit	Building supplies	18	1	19	....	1893
June 2	Baltimore Lunch Bakery	Detroit	Baked goods	13	....	13	....	1903
Aug. 19	Bank & Cornelius	Detroit	Sheet metal	2	....	2	....	1912
Oct. 14	Bankson, Mrs. Wm	Detroit	Millinery	....	1	1	....	1909
May 31	Banner Cigar Mfg. Co., The	Detroit	Cigars	28	108	136	2	1888
May 22	Banner Garment Mfg. Co	Detroit	Garments	15	150	165	....	1872
Oct. 27	Banner Laundering Co	Detroit	Laundry	153	184	237	25	1888
Oct. 8	Banner Mfg. Co	Detroit	Ammonia	4	4	8	....	1907
Dec. 19	Baranowski, B	Detroit	Baked goods	5	1	6	....	1911
Oct. 17	Barbas Confectionery	Detroit	Candy	2	2	4	....	1909
May 1	Barcy-Nicholson Co	Detroit	Electric supplies	12	9	21	3	1903
June 27	Barie & Saladin	Detroit	Baked goods	18	1	19	....	1881
Nov. 21	Barlum, Thos. & Sons	Detroit	Meats	17	3	20	....	1883
Oct. 27	Barnes, George H	Detroit	Lighting fixtures	28	3	31	....	1901
June 18	Barnes Mfg. Co., The	Detroit	Machinery	2	....	2	....	1909
Aug. 6	Barnes Mfg. Co., The	Detroit	Machinery	3	....	3	....	1909
Nov. 26	Barnes Wire Fence Co	Detroit	Wire fencing	27	....	27	....	1905
Dec. 10	Barnum, E. T	Detroit	Wire and iron	13	2	15	....	1880
May 2	Barrett Mfg. Co	Detroit	Paving material	31	1	32	....	1907
Sept. 3	Barron, D. D	Detroit	Coal, coke, etc	5	....	5	....	1913
June 21	Bartlett Mfg. Co	Detroit	Tools	13	....	13	....	1913
Aug. 6	Bartlett Supply Co	Detroit	Builders' supplies	15	....	15	....	1907
Sept. 24	Bartlett Supply Co	Detroit	Builders' supplies	8	....	8	....	1911
Dec. 11	Bartlett Supply Co	Detroit	Builders' supplies	45	....	45	....	1912
Aug. 29	Bartholmaei, Max Son & Co	Detroit	Building supplies	64	....	64	....	1885
Aug. 12	Basman, A. M. & Co	Detroit	Sheet metal	12	1	13	....	1909
Aug. 14	Bastendorf, Leon E	Detroit	Baked goods	3	1	4	....	1908
Aug. 7	Batchelder-Wasmund Co., The	Detroit	Cut stone and granite	37	....	37	....	1911
Nov. 12	Bauer-Lewis Co., The	Detroit	Leather goods	17	1	18	....	1911
Aug. 11	Bauer's, A. Bakeries	Detroit	Baked goods	6	5	11	....	1895
Sept. 24	Baumann, Conrad & Son	Detroit	Wagons and trucks	11	....	11	....	1868
Oct. 7	Bause, Jos	Detroit	Custom clothing	4	1	5	....	1880
Nov. 21	Bayne, Peter	Detroit	Blacksmithing	3	....	3	....	1894
Sept. 24	Bayne, Wm	Detroit	Blacksmithing	2	....	2	....	1911
Sept. 3	Beach's Magazine	Detroit	Printed matter	3	8	11	....	1913
Aug. 19	Beaher, L. N	Detroit	Sash and doors	11	....	11	....	1909
Oct. 1	Bean & Deville	Detroit	Plumbing	8	....	8	....	1906
Sept. 27	Bean & Grenske	Detroit	Plumbing	3	....	3	....	1903
Aug. 11	Beard Bros	Detroit	Flowers	8	....	8	....	1890

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
May 10	Beaubien Ice & Coal Co	Detroit	Ice and coal	58	1	59	....	1880
Aug. 14	Beck Cereal Co., The	Detroit	Cereals	38	5	43	....	1878
Dec. 19	Beck Chair Co	Detroit	Chairs	3	....	3	....	1908
Dec. 3	Becker, H. W	Detroit	Furs	8	6	14	....	1893
Oct. 24	Becker Piano Mfg. Co	Detroit	Piano repairing	3	....	3	....	1901
May 2	Beck, H. R. Co., The	Detroit	Garments	2	20	22	....	1905
July 18	Beck, H. R. Co., The	Detroit	Dresses	2	17	19	....	1905
Sept. 19	Beckwith, Walter	Detroit	Blacksmithing	4	....	4	....	1875
Dec. 2	Bedard & Ritzler	Detroit	Custom clothing	2	....	2	....	1906
Dec. 4	Beebe, Henry A	Detroit	Cut stone	5	....	5	....	1888
Sept. 18	Beer, August & Son	Detroit	Wagons	11	....	11	....	1868
Nov. 1	Begole Garage	Detroit	Auto repairing	3	....	3	....	1913
July 23	Behr Bros	Detroit	Hides, pelts, etc	18	....	18	....	1870
May 13	Bellair, F	Detroit	Painting	3	....	3	....	1905
Oct. 30	Belle Isle Creamery	Detroit	Dairy products	23	....	23	....	1905
Aug. 25	Bellevue Furnace Co	Detroit	Furnaces	26	2	28	....	1910
Dec. 23	Bell, John	Detroit	Baked goods	7	....	7	....	1897
Nov. 10	Belz Baking Co	Detroit	Baked goods	11	3	14	....	1890
Sept. 15	Belz, G	Detroit	Engine repairing	2	....	2	....	1898
Oct. 21	Belz, G. C	Detroit	Baked goods	5	....	5	....	1910
Sept. 17	Berger, Robert C	Detroit	Tobacco	3	....	3	....	1910
Nov. 14	Berlin, B	Detroit	Plumbing	4	....	4	....	1908
May 7	Berlin Cap Co., The	Detroit	Caps	4	2	6	....	1912
Aug. 28	Berman, N	Detroit	Shoe repairing	3	....	3	....	1905
Aug. 11	Berman's Shoe Repair Shop	Detroit	Shoe repairing	3	....	3	....	1912
Sept. 12	Berry Bros., Inc	Detroit	Paints	166	10	176	1	1868
May 14	Best Stove Co	Detroit	Stoves	21	1	22	....	1911
Nov. 28	Bertling, Paul & Co	Detroit	Sheet metal	11	....	11	....	1902
Sept. 23	Bery, Aug. & Son	Detroit	Furnaces	5	....	5	....	1905
Nov. 21	Besancon, Wm. E	Detroit	Coal and coke	5	1	6	....	1905
Dec. 11	Besancon, Wm. E	Detroit	Coal and coke	15	....	15	....	1894
Sept. 27	Beyer, Gust	Detroit	Sheet metal	4	....	4	....	1903
May 5	Beyster, John	Detroit	Lumber, lath, etc	56	....	56	....	1873
Oct. 8	Bialk, Alois	Detroit	Blacksmithing	3	....	3	....	1895
Oct. 21	Billock, C. H	Detroit	Building supplies	6	....	6	....	1897
Nov. 12	Bird, Chas. J. E	Detroit	Coal	5	....	5	....	1909
Aug. 29	Blackburn, Geo. L	Detroit	Job printing	3	....	3	....	1905
Oct. 15	Blake, W. M. Mfg. Co	Detroit	Metal spinning	6	....	6	....	1913
May 24	Bland, P. N. Printing Co	Detroit	Job printing	10	3	13	....	1909
May 19	Bleich Printing Co	Detroit	Job printing	3	....	3	....	1900
Aug. 23	Blenkle, John & Co	Detroit	Wagons, etc	6	....	6	....	1897
Aug. 9	Bloch, William	Detroit	Blacksmithing	3	....	3	....	1912
Sept. 17	Blome Bros. Co., The	Detroit	Picture frames	12	3	15	....	1900
July 31	Blossom, F. G. Co., The	Detroit	Auto repairing	3	....	3	....	1913
Dec. 19	Board of Education Shop	Detroit	Repairing	79	....	79	....	1903
Dec. 5	Bock's, Paul Home Bakery	Detroit	Baked goods	6	2	8	....	1912
Oct. 8	Bodalski, Joe	Detroit	Baked goods	2	1	3	....	1913
Oct. 11	Boldt, Charles E	Detroit	Cigars	9	1	10	....	1894
July 24	Bolles, J. E. Iron & Wire Works	Detroit	Iron and wire	99	3	102	....	1882
Dec. 11	Boosey, Norman	Detroit	Plumbing	5	1	6	....	1897
Aug. 21	Booth Fisheries Co	Detroit	Storage	28	....	28	....	1905
May 2	Booth Fisheries Co	Detroit	Fish	6	1	7	....	1898
Dec. 26	Borchardt, R. R	Detroit	Cement	8	....	8	....	1909
Aug. 29	Bornman, John & Sons	Detroit	Job printing	58	37	95	....	1859
July 24	Bossenberger, F. Co	Detroit	Candy	12	11	23	1	1890

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Aug. 5	Boserdet Bros	Detroit	Machine repairing	8	....	8	....	1909
Aug. 2	Bourdeau, J. D. Co	Detroit	Potato chips	4	2	6	....	1906
Oct. 25	Bower Roller Bearing Co	Detroit	Roller bearing	70	1	71	....	1910
Aug. 15	Bowen, Wm. F	Detroit	Coal	7	1	8	....	1885
Sept. 19	Boydell Bros., The	Detroit	Paint	46	8	54	....	1865
Sept. 19	Boyer, Campbell Co	Detroit	Hardware	24	11	35	....	1906
Sept. 13	Boyd, Jas	Detroit	Trucking	6	....	6	....	1900
June 10	Brace Lamp Works	Detroit	Auto lamps	3	....	3	....	1911
July 15	Brady-Nagel Mfg. Co	Detroit	Auto parts	38	1	39	....	1910
Sept. 24	Brandau, Adam	Detroit	Shoes	16	7	23	....	1912
Nov. 28	Brandau, Henry	Detroit	Wagons and trucks	6	....	6	....	1905
Sept. 6	Brass Products Co	Detroit	Brass finishing	34	....	34	....	1904
Oct. 15	Brede & Schroeter	Detroit	Decorating, etc	51	4	55	....	1895
Sept. 22	Breitenbecher, Fred	Detroit	Custom clothing	2	1	3	....	1896
Dec. 19	Breitenbeck, P. A.	Detroit	Meats	4	....	4	....	1909
Sept. 23	Breitmeyer, John & Son	Detroit	Flowers	9	....	9	....	1867
Oct. 2	Brennan, John & Co	Detroit	Boilers	166	2	168	....	1847
Sept. 17	Briggs Dental Co., The	Detroit	Dental supplies	7	....	7	....	1904
Nov. 24	Briggs-Detroiter Co	Detroit	Automobiles	86	14	100	1	1912
Aug. 11	Briggs Transfer Co	Detroit	Storage	16	....	16	....	1913
Dec. 2	Briscoe Mfg. Co	Detroit	Auto parts	425	15	440	3	1897
Aug. 18	Brock, A. F. & Sons	Detroit	Monuments	3	....	3	....	1911
Dec. 2	Brodie's New Millinery	Detroit	Millinery	.....	4	4	....	1907
May 20	Brookes, A. W	Detroit	Job printing	5	1	6	....	1881
Oct. 27	Brooks & Co	Detroit	Lumber	4	....	4	....	1906
Oct. 10	Brossy, L. C. Dyeing Co	Detroit	Dyeing and cleaning	19	30	49	....	1861
Nov. 19	Brown Cleaners & Dyers	Detroit	Cleaning and dyeing	15	13	28	....	1885
Oct. 14	Brots, Valentine	Detroit	Upholstering	5	....	5	....	1890
Sept. 17	Brown, John B	Detroit	Blacksmithing	3	....	3	....	1893
May 28	Brown, M. V. Sons Co	Detroit	Engraving	7	9	16	2	1900
June 3	Brown Windshield Co	Detroit	Windshields	5	....	5	....	1910
Oct. 30	Bruckman, Thos. & Co	Detroit	Plumbing	12	....	12	....	1910
Oct. 8	Brushaber Sons	Detroit	Furniture	55	2	57	....	1880
May 6	Bryant & Berry Co	Detroit	Machinery	20	....	20	....	1905
June 18	Bryant, E. S. Pattern Works	Detroit	Patterns	12	....	12	....	1912
Sept. 19	Bryant-Newell Co., Ltd	Detroit	Musical instruments	4	....	4	....	1903
Nov. 7	Bryant-Newell Co., Ltd., The	Detroit	Band instruments	4	....	4	....	1903
Oct. 17	Bryant Pattern Works	Detroit	Metal patterns	17	....	17	....	1911
Oct. 14	Buchanan & Huff	Detroit	Coal and coke	7	....	7	....	1913
Nov. 18	Buchanan & Huff	Detroit	Coal and coke	12	....	12	....	1892
Oct. 20	Buckie Printers Roller Co., The	Detroit	Printers rollers	4	....	4	....	1905
July 20	Budd, Edward G. Mfg. Co	Detroit	Steel	159	4	163	....	1912
May 31	Buechner, J. L	Detroit	Silver plating	16	....	16	....	1892
July 22	Buekers, J. H. Mfg. Co	Detroit	Fixtures	31	....	31	....	1906
Oct. 6	Buelow, Phil H	Detroit	Custom clothing	2	....	2	....	1891
Sept. 10	Buhl Malleable Co	Detroit	Castings	623	44	667	5	1900
July 10	Buhl Stamping Co	Detroit	Metal goods	311	1	312	6	1887
Oct. 9	Buick Motor Co	Detroit	Auto repairing	7	1	8	....	1908
Nov. 28	Builders & Pavers Supply Co	Detroit	Builders' supplies	13	1	14	....	1913
Sept. 3	Bunnell, Charles H	Detroit	Custom clothing	5	....	5	....	1900
Oct. 9	Burdick, Frank R	Detroit	Cigars	17	1	18	....	1892
Nov. 13	Burghardt Bros	Detroit	Baked goods	4	....	4	....	1870
Oct. 8	Burghardt Bros	Detroit	Baked goods	5	....	5	....	1870
Nov. 21	Burghardt & Diehl	Detroit	Furniture	3	....	3	....	1908
June 9	Burkhardt Co., The	Detroit	Book binding	14	25	39	1	1911

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Sept. 19	Burnham, Stoepel Co	Detroit	Dry goods	199	24	223	....	.....
Dec. 9	Burn Kingstone Co	Detroit	Auto accessories	3	....	3	....	1907
Dec. 30	Burns Bros	Detroit	Plumbing	6	1	7	....	1909
Dec. 9	Burns, J. L	Detroit	Plumbing	19	....	19	....	1911
Dec. 10	Burr, Patterson & Co	Detroit	Jewelry	24	3	27	....	1904
Nov. 15	Burroughs Adding Machine Co	Detroit	Adding machines	2,476	465	2,941	28	1886
Aug. 5	Burton, W. J. Co., The	Detroit	Cornice	79	2	81	....	1883
May 29	Busby, John H. Co., Inc	Detroit	Electrical supplies	23	....	23	....	1913
Sept. 16	Buxton Machine Works	Detroit	Machine dies	12	....	12	....	1907
Sept. 9	Byram & Co	Detroit	Machinery	54	2	56	....	1880
Dec. 16	Cable Draper Co	Detroit	Baked goods	42	1	43	....	1912
May 16	Cadillac Auto Painting Co	Detroit	Automobile painting	8	....	8	....	1912
Aug. 11	Cadillac Casket Co	Detroit	Caskets	6	....	6	....	1913
Sept. 25	Cadillac Cigar Box Co	Detroit	Cigar boxes	18	36	54	7	1906
Oct. 17	Cadillac Coal Co	Detroit	Coal	5	....	5	....	1907
Sept. 19	Cadillac Garment Mfg. Co	Detroit	Ladies' garments	8	71	79	....	1908
Dec. 29	Cadillac Lamp Works	Detroit	Auto repairing	6	....	6	1	1901
May 7	Cadillac Motor Car Co	Detroit	Auto bodies	1,037	....	1,037	....	1911
Aug. 26	Cadillac Motor Car Co., No. 2	Detroit	Auto parts	1,773	....	1,773	20	1905
April 30	Cadillac Motor Car Co	Detroit	Auto parts	55	....	55	....	1912
Oct. 3	Cadillac Motor Car Co	Detroit	Auto repairing	27	....	27	....	1910
Aug. 7	Cadillac Plating Co	Detroit	Plating, etc	6	....	6	....	1913
June 18	Cadillac Printing Co	Detroit	Job printing	36	11	47	....	1880
April 30	Caille Bros. Co	Detroit	Coin operating machines	295	12	307	1	1898
Sept. 23	Callahan Hat Shop	Detroit	Millinery	.....	3	3	....	1909
Oct. 31	Calvert Lithographing Co	Detroit	Lithographing	258	137	395	....	1861
Aug. 15	Calvert's, J. Sons	Detroit	Coal	22	....	22	....	1900
Aug. 22	Calvert's, J. Sons	Detroit	Coal and wood	12	....	12	....	1912
Dec. 12	Calvert, J. Sons	Detroit	Builders' supplies	23	....	23	....	1892
Oct. 5	Cambridge Laundry	Detroit	Laundry	11	43	54	....	1890
Nov. 26	Cameron, James & Son	Detroit	Plumbing	4	....	4	....	1892
Sept. 20	Cameron, John	Detroit	Plumbing	6	....	6	....	1854
Dec. 11	Campau, Chas. P	Detroit	Cleaning, etc	3	1	4	....	1908
Dec. 24	Campbell & Mead	Detroit	Brooms	14	....	14	....	1906
Sept. 13	Candler, Geo. V. Co	Detroit	Roofing	8	1	9	....	1911
Sept. 13	Candler, J. D. Roofing Co	Detroit	Roofing, etc	72	2	74	....	1880
Sept. 8	Candler & Oehring Co	Detroit	Roofing	22	1	23	....	1911
Sept. 30	Candler Radiator Co	Detroit	Radiators	93	1	94	....	1910
Nov. 4	Canfield-Nally	Detroit	Millinery	.....	9	9	....	1893
Oct. 14	Canto, Jos. E. Cigar Co	Detroit	Cigars	7	5	12	....	1885
July 20	Capitol Brass Works	Detroit	Brass goods	244	6	250	5	1899
Oct. 28	Carberry, J. J. & Co	Detroit	Custom clothing	3	....	3	....	1899
Oct. 8	Carhartt, Hamilton	Detroit	Overalls	63	662	725	....	1881
April 28	Carkeek Printing Co	Detroit	Job printing	5	....	5	....	1891
Oct. 14	Carlin and Raths	Detroit	Auto repairing	2	....	2	...	1912
May 7	Carmichael, R. A. & Co	Detroit	Toilet goods	4	8	12	....	1911
Dec. 11	Carolan, Peter T	Detroit	Blacksmithing	5	....	5	....	1890
Nov. 14	Carolin, R. B	Detroit	Bronze and aluminum	16	....	16	....	1913
Aug. 15	Carpenter Chemical Co	Detroit	Court plaster	7	1	8	....	1900
Dec. 1	Carriere, James	Detroit	Custom clothing	3	3	6	....	1907
Oct. 21	Carroll Machine & Tool Co	Detroit	Tools	10	....	10	....	1910
Oct. 2	Cartercar Co	Detroit	Auto repairing	13	1	14	....	1903
Oct. 10	Carter, Charles C	Detroit	Woodworking	54	1	55	....	1893
Sept. 15	Cartwright Bros. Granite Co	Detroit	Marble and granite	14	1	15	....	1873
Sept. 12	Casey Mfg. Co., The	Detroit	Upholstering	5	4	9	....	1910

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Dec. 1	Casket Hardware Mfg. Co., The Ltd.	Detroit	Hardware	19	4	23	....	1897
Aug. 1	Cataract Refining Co.	Detroit	Oils, grease	2	....	2	....	1911
Aug. 14	Caughey & Carran Co.	Detroit	Grain and seeds	9	....	9	....	1894
Sept. 23	Cavanagh, Thomas L.	Detroit	Building material	9	....	9	1	1911
July 9	Central Boiler Works	Detroit	Boilers	34	....	34	....	1878
Sept. 29	Central Carriage & Wagon Works	Detroit	Wagons and trucks	10	....	10	....	1910
Aug. 7	Central Distributing Co.	Detroit	Mill supplies	10	1	11	....	1853
Nov. 3	Central Electric Co.	Detroit	Electrical supplies	8	1	9	....	1905
Sept. 15	Central Foundry Specialty Co.	Detroit	Plumbers' supplies	74	2	76	....	1911
May 9	Central Mfg. Supply Co.	Detroit	Custom clothing	2	2	4	....	1910
Nov. 3	Central Mfg. Supply Co.	Detroit	Wiping cloths	2	3	5	....	1909
Sept. 30	Central Paint & Glass Co.	Detroit	Paint and glass	7	3	10	....	1898
Dec. 9	Central Pattern Works	Detroit	Patterns	10	....	10	....	1908
Oct. 7	Central States Supply Co.	Detroit	Electrical supplies	5	1	6	....	1910
May 28	Central Station Steam Co.	Detroit	Machines	10	....	10	....	1908
Nov. 3	Central Storage	Detroit	Storage	25	1	26	....	1890
Nov. 7	Central Tire Repair Co.	Detroit	Tires	3	....	3	....	1907
Dec. 30	Century Electric Car Co.	Detroit	Electric cars	14	1	15	....	1911
Nov. 3	Chamberlin Garment Cleaning Co., The	Detroit	Cleaning and pressing	5	1	6	1	1909
July 16	Chamberlin Metal Weather Strip Co.	Detroit	Weather strips	13	1	14	....	1897
July 29	Chalmers Motor Car Co.	Detroit	Automobiles	2,266	79	2,345	....	1907
Oct. 16	Champion Brewery	Detroit	Beer	55	....	55	....	1873
Sept. 18	Champion, Mrs. M. B.	Detroit	Millinery	.....	1	1	....	1901
Sept. 22	Champion Shoe Repair Shop	Detroit	Shoe repairing	2	....	2	....	1913
Dec. 5	Chapman Bros.	Detroit	Builders' supply	21	1	22	....	1905
Sept. 20	Chapper, F. A., Iron & Wire Works	Detroit	Iron and wire	21	....	21	....	1907
Oct. 21	Chatlin's Sample Store	Detroit	Suits	8	2	10	....	1910
Aug. 11	Cheeseman, L. H. & Co.	Detroit	Roofing, etc.	7	1	8	....	1905
Dec. 27	Chelt-Marshall, Inc.	Detroit	Caps	9	12	21	....	1912
Dec. 31	Chevillot, Louis F.	Detroit	Building supplies	5	....	5	....	1888
June 20	Chicago Hosiery Co.	Detroit	Knit goods	9	22	31	2	1898
Nov. 21	Chicago Pneumatic Tool Co.	Detroit	Pneumatic tools	505	4	509	....	1902
Sept. 25	Chicago Railway Equipment Co.	Detroit	Brake beams	47	....	47	....	1892
July 24	Chope, Chas. E. & Co.	Detroit	Wagons	11	....	11	....	1911
Sept. 19	Chope, E. & Sons	Detroit	Wagons	20	....	20	....	1837
May 26	Chope-Stevens Paper Co.	Detroit	Paper	27	6	33	....	1886
Nov. 11	Christa Marble Co.	Detroit	Building supplies	43	1	44	....	1855
Nov. 12	Christe, Fred A.	Detroit	Harness	4	....	4	....	1898
July 16	Christe-Kline Forge Co.	Detroit	Castings	16	....	16	....	1909
Dec. 1	Chrysler & Koppin	Detroit	Refrigerators	20	....	20	....	1903
June 3	City Bottling Works	Detroit	Soft drinks	20	....	20	....	1872
July 30	City Coffee & Spice Mills	Detroit	Coffee	9	....	9	....	1902
Aug. 9	City Concrete & Coal Co.	Detroit	Concrete blocks	17	....	17	....	1907
Oct. 30	City Concrete & Coal Co.	Detroit	Cement blocks	9	....	9	....	1912
May 2	City Garbage Plant	Detroit	Garbage	93	....	93	....	1906
Aug. 1	City Lumber Co.	Detroit	Lumber	50	....	50	....	1905
Dec. 6	City Pattern Works	Detroit	Wood & metal patterns	17	....	17	....	1913
Nov. 12	City Sheet Metal Works	Detroit	Sheet metal	7	....	7	....	1913
Nov. 25	City Steam Carpet Cleaning Works	Detroit	Cleaning	3	1	4	....	1908
Oct. 29	City Taxi Service Co.	Detroit	Auto repairing	10	2	12	....	1910
July 19	Clarke-Cowdin Co., The	Detroit	Job printing	6	....	6	....	1905
Aug. 12	Clark, James & Co.	Detroit	Wagons and trucks	11	....	11	....	1911
July 29	Clark Mineral Springs Bath House, The	Detroit	Water	11	6	17	....	1863
Aug. 22	Clark, Thos. E.	Detroit	Electrical supplies	5	1	6	....	1811
Sept. 24	Claw, Chas.	Detroit	Meats	3	....	3	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Nov. 28	Clayton, Enos	Detroit	Wagons and trucks	8	....	8	....	1913
Sept. 15	Clayton, F. G. Co	Detroit	Repairing clothing	5	6	11	....	1883
Aug. 19	Clayton & Lambert Mfg. Co	Detroit	Plumbers' supplies	206	16	222	2	1887
May 1	Cleveland Tool & Supply Co., The	Detroit	Steel tubing	6	1	7	....	1910
Sept. 29	Clifford Cleaning & Dye Works, The.	Detroit	Cleaning and dyeing	1	1	2	....	1913
Dec. 11	Clifford, J. M. & Co	Detroit	Lumber	16	1	17	....	1908
Sept. 13	Climax Sanitary Mfg. Co	Detroit	Plumbers' woodwork	13	1	14	....	1902
Oct. 14	Cline & Co	Detroit	Ladies' dresses	.....	3	3	....	1911
Oct. 9	Cloutier, A. J	Detroit	Custom clothing	4	....	4	....	1897
May 12	Cobb Bros	Detroit	Auto repairing	8	....	8	....	1909
June 20	Codman, F. L. & J. C	Detroit	Buffing wheels	4	26	30	....	1904
Nov. 15	Cohen, Mrs. E	Detroit	Millinery	.....	5	5	1	1890
Nov. 3	Cohn, Mrs. Max	Detroit	Millinery	.....	10	10	....	1900
Dec. 11	Collier, P. F. & Son	Detroit	Books	11	9	20	....	1873
Aug. 15	Collins, C. C. Welding Co	Detroit	Welding	2	....	2	....	1913
Dec. 18	Collyer & Simpson	Detroit	Hardware	7	....	7	....	1909
April 29	Colonial Garment Co	Detroit	Dresses	12	78	90	....	1910
June 16	Colonial Laundry	Detroit	Laundry	20	77	97	3	1902
Nov. 3	Colquhoun, E	Detroit	Ladies' dresses	1	4	5	....	1905
July 23	Colton, Arthur Co	Detroit	Machinery	68	2	70	1	1884
Oct. 4	Columbia Brewing Co	Detroit	Beer	15	....	15	....	1891
Aug. 1	Columbia Castings Co	Detroit	Castings	54	....	54	....	1911
Sept. 22	Columbia Dyeing & Cleaning Co	Detroit	Cleaning and dyeing	3	1	4	....	1911
Dec. 3	Columbia Press	Detroit	Job printing	3	....	3	....	1913
Nov. 4	Columbia Tailoring & Repairing Co	Detroit	Cleaning and repairing	4	....	4	....	1905
Oct. 30	Columbia Western Mills	Detroit	Shade cloth	69	15	84	4	1912
Sept. 17	Columbian Mfg. Co	Detroit	Picture frames	10	....	10	....	1878
July 17	Colwell Lead Co	Detroit	Plumbing supplies	342	9	351	3	1912
Sept. 25	Commerce Motor Car Co., The	Detroit	Trucks	32	....	32	....	1909
Sept. 15	Commerce Electric Motor Co	Detroit	Machinery	3	....	3	....	1913
Aug. 30	Commercial Electric Supply Co	Detroit	Electrical supplies	11	....	11	....	1893
Aug. 28	Commercial Foundry Co	Detroit	Castings	38	....	38	....	1909
Sept. 16	Commercial Milling Co	Detroit	Flour and feed	117	7	124	....	1855
Sept. 10	Commercial Printing Co., The	Detroit	Job printing	4	....	4	....	1912
Sept. 29	Comus Cigar Co	Detroit	Cigars	5	16	21	....	1909
Aug. 5	Concrete Form & Engine Co	Detroit	Motors and engines	7	1	8	....	1907
June 17	Congress Garage	Detroit	Auto repairing	6	....	6	....	1913
May 14	Conkling, S. P	Detroit	Paper	32	....	32	....	1875
Dec. 13	Conover Press, The	Detroit	Printed matter	6	1	7	....	1907
June 21	Consumers Paper Co	Detroit	Rags	11	25	36	....	1912
July 28	Continental Motor Co	Detroit	Motors	936	35	971	10	1904
Aug. 21	Conway Brief Co	Detroit	Linotype composition	35	2	37	....	1908
Sept. 15	Conway-McLeod Foundry Co	Detroit	Castings	12	....	12	....	1912
Aug. 14	Cooney, A. W. & Co	Detroit	Coal	8	1	9	....	1893
Oct. 31	Coonley Medicine Co., Inc., The	Detroit	Medicine	5	10	15	....	1885
May 12	Cooperative Raw Fur Co., The	Detroit	Furs	7	1	8	....	1902
Sept. 26	Cooper, A. & W	Detroit	Builders' supplies	16	2	18	....	1903
Sept. 15	Cooper Baking Co., The	Detroit	Baked goods	22	2	24	....	1904
July 28	Cooper Improved Relief Valve Co	Detroit	Steam traps	2	....	2	....	1913
Oct. 6	Cope Pattern Works, The	Detroit	Patterns	36	2	38	1	1891
May 15	Cope Pattern Works, The	Detroit	Patterns	49	2	51	....	1891
Sept. 23	Corbett Tailoring Co., Inc., The	Detroit	Custom clothing	4	....	4	....	1913
Oct. 21	Cordes, Warren B	Detroit	Brick	6	....	6	....	1910
Sept. 23	Correct Hat Shop, The	Detroit	Millinery	.....	7	7	....	1910
May 21	Cornehl, Wm. & Sons	Detroit	Job printing	16	5	21	1	1890

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Sept. 24	Cornillie, J. C.	Detroit	Coal, etc	9	1	10	....	1903
Oct. 26	Cotant & Shriner	Detroit	Plumbing	9	1	10	....	1906
Oct. 6	Cottage Grove Creamery Co	Detroit	Dairy products	19	1	20	....	1893
June 6	Cowan, Edward	Detroit	Sheet metal	9	....	9	....	1909
July 24	Cowhey, James B	Detroit	Blacksmithing	4	....	4	....	1893
Oct. 14	Cowhey, Thos. F	Detroit	Blacksmithing	4	....	4	....	1893
Aug. 9	Cowles, Fred L	Detroit	Blacksmithing	3	....	3	....	1905
Dec. 4	Cowley, F. W	Detroit	Upholstering	7	....	7	....	1898
Nov. 5	Cox, Mrs. E	Detroit	Baked goods	2	2	4	....	1908
Nov. 25	Craig, C	Detroit	Blacksmithing	3	....	3	....	1910
Oct. 30	Crane Co	Detroit	Sanitary supplies	56	4	60	....	1855
Nov. 7	Cravenette Glove & Mfg. Co	Detroit	Gloves	6	31	37	....	1910
May 13	Cravenette Glove & Mfg. Co	Detroit	Gloves	4	28	32	....	1911
Oct. 13	Crawford, C. H	Detroit	Chairs	2	....	2	....	1910
June 12	Crawford, C. H	Detroit	Chairs	12	....	12	....	1911
July 7	Crawford Laundry Co	Detroit	Laundry	24	108	132	9	1908
Oct. 10	Crescent Beverage Co	Detroit	Soft drinks	3	....	3	....	1905
Nov. 17	Crescent Brass & Pin Co	Detroit	Pins, etc	21	26	47	....	1903
June 24	Crescent Electric Co	Detroit	Electrical supplies	4	....	4	....	1911
Sept. 15	Crittall Casement Co	Detroit	Window frames	44	1	45	....	1912
Aug. 22	Cronin Coal Co	Detroit	Coal	6	....	6	1	1912
May 2	Cronin Coal Co	Detroit	Coal and coke	4	....	4	....	1912
Aug. 16	Crook Electric Co	Detroit	Electrical supplies	14	1	15	....	1907
May 6	Crosby Co	Detroit	Enamel	2	1	3	....	1903
Aug. 25	Cross Gear & Engine Co	Detroit	Cut gears	6	1	7	....	1900
Oct. 8	Cross Laundry, The	Detroit	Laundry	14	53	67	4	1904
Dec. 18	Cross Storage & Moving Co	Detroit	Storage	6	....	6	....	1894
Oct. 13	Crown Hat Mfg. Co., The	Detroit	Hats	55	151	206	....	1901
May 1	Crown Hat Mfg. Co., No. 2	Detroit	Hats	32	6	38	....	1913
July 14	Crucible Steel Co. of America	Detroit	Steel goods	5	1	6	....	1901
Nov. 3	Crumley, Jas. H	Detroit	Plumbing	12	1	13	....	1879
May 10	Crystal Ice Co., Ltd	Detroit	Ice	54	....	54	....	1897
Sept. 25	Cudahy Bros. Co	Detroit	Meats	14	1	15	....	1911
Dec. 9	Cullen, John A	Detroit	Plumbing	8	1	9	....	1905
Oct. 8	Culver, Taylor Chain Works	Detroit	Transmission chains	19	7	26	1	1909
Dec. 10	Cunningham Auto Co	Detroit	Storage	8	2	10	....	1909
June 24	Currie Machine Co., The	Detroit	Machinery	24	1	25	....	1907
Aug. 29	Currie, W. E. & Son	Detroit	Paving blocks	27	....	27	....	1887
Nov. 26	Currier Auto Co	Detroit	Storage	4	....	4	....	1912
July 21	Curtis Advertising Co	Detroit	Job printing	58	19	77	....	1906
Dec. 6	Curtis & Yale Co	Detroit	Interior finish	6	1	7	....	1910
Aug. 8	Cutter, J	Detroit	Machinery	6	....	6	....	1905
Sept. 4	Dafoe, Eustice Co	Detroit	Canvas specialties	9	15	24	....	1911
Aug. 12	Daigle-Steger Iron Works, Inc	Detroit	Structural iron	41	....	41	....	1909
Nov. 24	Daily Abend Post	Detroit	Printed matter	13	....	13	....	1860
July 29	Damaschige & Spader	Detroit	Carriages, etc	4	....	4	....	1891
June 4	Damm, Otto	Detroit	Building supplies	12	....	12	....	1909
Nov. 21	Danto & Co	Detroit	Fish	8	....	8	....	1905
Oct. 19	Danz, Geo. E	Detroit	Blacksmithing	3	....	3	....	1909
Aug. 19	Darcy, John & Co	Detroit	Coal	6	....	6	....	1906
July 25	Davis, C. K. Mfg. Co	Detroit	Batteries	12	....	12	....	1910
Nov. 14	Davis Coal & Coke Co	Detroit	Coal and coke	21	....	21	....	1905
Dec. 4	Davis Greenhouse	Detroit	Flowers	3	1	4	....	1893
Dec. 3	Davis, John J	Detroit	Plumbing	9	....	9	....	1884
Oct. 31	Davis Screen & Weather Strip Co	Detroit	Weather strip, etc	9	1	10	....	1899
Oct. 3	Day Automobile Co	Detroit	Auto assembling	9	1	10	....	1910
Nov. 26	Deane, C. H. Co	Detroit	Plumbing	17	1	18	....	1908
Sept. 17	Dean, Harry J. Co., The	Detroit	Decorating	138	16	154	....	1897
May 8	Decker, Louis	Detroit	Candy	1	2	3	....	1910
July 21	DeCroupet Iron Works	Detroit	Steel and iron	10	....	10	....	1868

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Sept. 19	DeGalan, F. & Son	Detroit	Wood turning	12	....	12	....	1890
July 22	Deinzer Mfg. Co	Detroit	Furniture	57	5	62	1	1861
Dec. 1	Delamater Hardware Co	Detroit	Hardware	48	12	60	....	1890
Aug. 20	Delphie Specialty Mfg. Co	Detroit	Auto parts	64	....	64	1	1908
Sept. 2	Delray Truck & Storage Co	Detroit	Trucking	18	....	18	....	1896
July 23	Delta Laundry	Detroit	Laundry	13	30	43	....	1898
Nov. 6	DeLuxe Laundry Co	Detroit	Laundry	8	18	26	....	1913
Dec. 12	DeMan Bros. Co	Detroit	Lumber	34	2	36	....	1875
Aug. 28	Department of Public Works	Detroit	Stone	178	....	178	....	1904
Aug. 28	Department of Public Works	Detroit	Asphalt	15	....	15	....	1885
Aug. 28	Department of Public Works	Detroit	Paving materials	43	....	43	....	1883
Nov. 3	Derby, Madam	Detroit	Millinery	.....	4	4	....	1913
Oct. 16	Detlaff, A. J	Detroit	Auto parts	57	2	59	....	1904
June 20	Detroit Alaska Knitting Mills	Detroit	Knit goods	9	75	84	....	1880
Oct. 10	Detroit Alkaloidal Co	Detroit	Chemicals	4	1	5	....	1913
Oct. 7	Detroit Architectural Iron Works Co.	Detroit	Brass and iron	29	....	29	....	1909
Aug. 21	Detroit Artificial Stone Co	Detroit	Cement blocks	82	....	82	....	1898
April 20	Detroit Art Metal Co	Detroit	Metal spinning	6	....	6	....	1911
Sept. 16	Detroit Auto Dash Co	Detroit	Auto dashes	20	3	23	....	1911
Oct. 14	Detroit Auto Garage	Detroit	Auto repairing	5	....	5	....	1909
Aug. 2	Detroit Automatic Scale Co	Detroit	Scales	19	31	50	....	1896
April 30	Detroit Auto Specialty Co., Inc	Detroit	Auto parts	233	1	234	....	1903
July 24	Detroit Baking Co	Detroit	Baked goods	48	4	52	....	1904
Oct. 30	Detroit Barrel Co., The	Detroit	Barrels	23	5	28	....	1898
April 28	Detroit Bath Tub & Brass Co	Detroit	Bath tubs	81	2	83	....	1906
Sept. 6	Detroit Blau-gas Co	Detroit	Machinery	6	....	6	....	1913
Dec. 19	Detroit Blow Pipe Co	Detroit	Pipes	8	....	8	....	1909
May 20	Detroit Blue Print & Supply Co	Detroit	Blue prints	10	....	10	3	1910
July 18	Detroit Bow Co	Detroit	Auto bows	6	....	6	....	1912
Nov. 2	Detroit Brass Works	Detroit	Brass goods	270	10	280	19	1895
Oct. 7	Detroit Brewing Co	Detroit	Beer	112	1	113	....	1867
Oct. 21	Detroit Butcher Supply Co	Detroit	Butcher supplies	6	....	6	....	1909
Aug. 28	Detroit Cabinet Co	Detroit	Furniture	192	4	196	9	1891
July 24	Detroit Candy Co	Detroit	Candy	8	18	26	....	1877
Aug. 14	Detroit Can Co	Detroit	Cans	67	102	169	....	1902
Oct. 6	Detroit Can Co	Detroit	Cans, etc	186	162	348	6	1910
July 21	Detroit Casket Co	Detroit	Caskets	41	6	47	5	1881
Sept. 19	Detroit Chair Mfg. Co	Detroit	Chairs	48	....	48	4	1902
Aug. 4	Detroit Chemical Works	Detroit	Chemicals	78	....	78	....	1893
Sept. 17	Detroit Cigar Mfg. Co	Detroit	Cigars	5	9	14	....	1880
Aug. 27	Detroit City Gas Co	Detroit	Gas	151	2	153	....	.....
Sept. 25	Detroit City Gas Co	Detroit	Gas	22	....	22	....	1899
May 2	Detroit City Gas Co	Detroit	Gas	271	4	275	....	.....
Dec. 15	Detroit & Cleveland Navigation Co	Detroit	Boat repairing	30	....	30	....	1893
Dec. 15	Detroit & Cleveland Navigation Co	Detroit	Engine repairing	10	....	10	....	1893
May 1	Detroit & Cleveland Navigation Co	Detroit	Repairing	39	....	39	....	1880
May 6	Detroit Clutch Cover Co	Detroit	Machinery	4	....	4	....	1912
Dec. 5	Detroit Coalette Fuel Co	Detroit	Fuel	10	....	10	....	1908
June 23	Detroit Coil Co	Detroit	Spark coils	6	6	12	....	1912
Aug. 13	Detroit Coin Wrapper Co., The	Detroit	Coin wrappers	13	10	23	4	1896
Oct. 22	Detroit Cold Storage, Ltd	Detroit	Storage	6	....	6	....	1900
Nov. 13	Detroit Column Mfg. Co	Detroit	Columns	27	....	27	....	1901
Sept. 4	Detroit Concrete Products Co	Detroit	Concrete blocks	8	....	8	....	1912
Oct. 7	Detroit Concrete Receptacle Co	Detroit	Concrete receptacles	7	....	7	....	1912
Oct. 2	Detroit Cone Co	Detroit	Ice cream cones	3	5	8	....	1908
July 30	Detroit Copper & Brass Roller Mills	Detroit	Brass and copper	1,225	14	1,239	....	1880
June 17	Detroit Cornice & Slate Co	Detroit	Cornice	23	....	23	....	1889
Oct. 16	Detroit Cornice & Slate Co	Detroit	Roofing	19	....	19	....	1880
May 2	Detroit Corrugated Board & Box Co	Detroit	Shipping cases	18	8	26	....	1912
June 28	Detroit Creamery Co	Detroit	Dairy products	221	24	245	....	1900

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Aug. 4	Detroit Creamery Co	Detroit	Dairy products	25	2	27	....	1912
Dec. 10	Detroit Cut Stone Co	Detroit	Cut stone	20	....	20	....	1901
Dec. 23	Detroit Decorative Supply Co	Detroit	House ornaments	11	1	12	....	1902
Sept. 17	Detroit Demountable Rim Co	Detroit	Rim parts	8	....	8	....	1911
Dec. 10	Detroit Dental Mfg. Co	Detroit	Dental supplies	15	11	26	....	1892
Nov. 26	Detroit Drop Hammer Board Co	Detroit	Drop hammer boards	3	....	3	....	1908
Aug. 29	Detroit Edge Tool Works	Detroit	Machine knives	16	....	16	....	1885
Aug. 13	Detroit Egg Biscuit Specialty Co	Detroit	Baked goods	14	8	22	3	1901
May 16	Detroit Electric Appliance Co	Detroit	Electrical supplies	152	25	177	2	1911
Dec. 15	Detroit Electric Co	Detroit	Dynamos and motors	7	1	8	....	1886
Oct. 6	Detroit Electric Garage	Detroit	Auto repairing	11	....	11	....	1907
Dec. 9	Detroit Electric Garage	Detroit	Auto repairing	12	5	17	....	1908
Nov. 7	Detroit Electric Shoe Repairing Co	Detroit	Shoe repairing	3	....	3	....	1906
Oct. 15	Detroit Electro-Plating Co	Detroit	Polishing	22	1	23	....	1908
Sept. 10	Detroit Electrotype Co	Detroit	Electrotypes	7	1	8	....	1912
Aug. 8	Detroit Emery Wheel Co	Detroit	Emery wheels	58	4	62	....	1872
Aug. 8	Detroit Engine Works	Detroit	Engines	82	....	82	....	1897
Oct. 4	Detroit Excelsior Works	Detroit	Excelsior, etc	14	1	15	....	1900
Oct. 9	Detroit Felt Slipper Co	Detroit	Slippers	9	1	10	....	1909
June 28	Detroit File Renewing Co	Detroit	Files	3	....	3	....	1898
Oct. 27	Detroit File Renewing Co	Detroit	File renewing	4	....	4	....	1903
May 5	Detroit Fire-less Stove Co	Detroit	Stoves	5	1	6	....	1910
Oct. 10	Detroit Fireproofing Tile Co	Detroit	Tile	42	....	42	....	1899
Nov. 11	Detroit Flower Pot Co	Detroit	Flower pots	44	1	45	....	1853
June 4	Detroit Fore-Door Co	Detroit	Auto doors	3	....	3	....	1913
Aug. 22	Detroit Forging Co	Detroit	Castings	265	2	267	....	1900
July 26	Detroit Foundry Co., No. 2	Detroit	Castings	333	2	335	....	1902
Aug. 4	Detroit Foundry Co., No. 1	Detroit	Castings	135	....	135	3	1892
Oct. 24	Detroit Foundry & Mfg. Co	Detroit	Auto parts	20	1	21	1	1900
Sept. 3	Detroit Foundry Supply Co., The	Detroit	Foundry supplies	14	1	15	....	1910
Sept. 30	Detroit Free Press Printing Co., The	Detroit	Printed matter	32	5	37	....	1880
Sept. 16	Detroit Free Press, The	Detroit	Printed matter	232	20	252	....	1831
May 3	Detroit Fur Dressing & Dyeing Co	Detroit	Furs	4	....	4	....	1892
Aug. 27	Detroit Furnace Co., The	Detroit	Pig iron	58	....	58	....	1906
Aug. 25	Detroit Furniture Mfg. Co	Detroit	Furniture	28	....	28	....	1892
Aug. 13	Detroit Fuse & Mfg. Co	Detroit	Electrical supplies	68	34	102	4	1903
June 28	Detroit Garment Mfg. Co	Detroit	Dresses	16	152	168	....	1907
Nov. 1	Detroit Gas & Electric Fixture Co., Inc	Detroit	Electrical supplies	18	1	19	....	1901
July 7	Detroit Gear & Machine Co	Detroit	Auto parts	211	1	212	2	1910
May 17	Detroit Glove & Mfg. Co	Detroit	Gloves	1	7	8	....	1912
Sept. 10	Detroit Granite Co	Detroit	Monuments	16	....	16	....	1898
Aug. 12	Detroit Graphite Co	Detroit	Paints	62	8	70	1	1893
May 29	Detroit Hardware Specialty Co	Detroit	Hardware	10	2	12	....	1911
Sept. 12	Detroit Heating & Lighting Co	Detroit	Gas machines	102	4	106	....	1868
Nov. 17	Detroit Heating & Refrigerator Co	Detroit	Plumbing	7	....	7	....	1907
July 25	Detroit Hoist & Machine Co	Detroit	Machinery	26	1	27	....	1907
Oct. 22	Detroit Insulated Wire Co	Detroit	Insulated wire	127	46	173	19	1906
Dec. 15	Detroit Jewelry Mfg. Co	Detroit	Jewelry	8	....	8	....	1908
Aug. 18	Detroit Journal Co	Detroit	Printed matter	104	24	128	....	1883
Dec. 10	Detroit Laundry	Detroit	Laundry	5	24	29	1	1890
Oct. 13	Detroit Laundry Machine & Supply Co	Detroit	Machinery	6	2	8	....	1908
Aug. 8	Detroit Lead Pipe Works	Detroit	Lead pipe	15	2	17	....	1876
Sept. 19	Detroit Leather Specialty Co., Inc	Detroit	Leather goods	27	19	46	....	1898
Oct. 8	Detroit Leather Works	Detroit	Leather goods	19	1	20	....	1907
June 16	Detroit Legal News Co., The	Detroit	Printed matter	13	5	18	1	1894

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	WAYNE CO.—*Con.*							
Oct. 8	Detroit Lighting & Fixture Co	Detroit	Electrical supplies	8	1	9	....	1910
July 14	Detroit Lithograph Co	Detroit	Lithographing	21	....	21	....	1906
Dec. 18	Detroit Loose Leaf Specialty Co	Detroit	Loose leaf devices	5	4	9	....	1912
June 5	Detroit Looscarf Collar Co	Detroit	Laundry	22	108	130	....	1882
Nov. 14	Detroit Lubricator Co	Detroit	Lubricators	423	36	459	4	1878
Sept. 6	Detroit Lumber Co	Detroit	Lumber	12	....	12	....	1900
July 18	Detroit Lumber Co	Detroit	Lumber	239	4	243	....	1899
Oct. 24	Detroit Mantel & Tile Co	Detroit	Mantels and tiles	37	2	39	....	1898
Dec. 4	Detroit Mantel & Tile Co	Detroit	Mantels and tiles	31	3	34	....	1902
July 22	Detroit Marvel Brass Mfg. Co	Detroit	Plumbing	29	....	29	1	1900
Aug. 29	Detroit Mausoleum Equipment Works	Detroit	Bronzing	19	....	19	....	1912
Sept. 18	Detroit Metallic Casket Co	Detroit	Caskets	31	6	37	....	1887
Oct. 17	Detroit Metal Spinning Co	Detroit	Metal spinning	12	....	12	....	1902
Aug. 12	Detroit Mfg. Co	Detroit	Tinning, etc	2	....	2	....	1912
Oct. 22	Detroit Millinery Co	Detroit	Millinery	.....	9	9	....	1890
Aug. 18	Detroit Mineral Bath Co	Detroit	Water	8	....	8	....	.....
Oct. 9	Detroit Mineral Water Co	Detroit	Mineral water	4	....	4	....	1913
Aug. 13	Detroit Mirror Works	Detroit	Mirrors	30	....	30	....	1897
Aug. 29	Detroit Motor Casting Co	Detroit	Castings	91	6	97	....	1905
Aug. 4	Detroit Motor & Machine Co	Detroit	Auto parts	32	....	32	....	1908
May 10	Detroit Neckwear Co	Detroit	Neckwear	6	24	30	1	1900
Sept. 11	Detroit Oak Belting Co	Detroit	Belting	72	3	75	....	1893
Dec. 26	Detroit Ornamental Stone Co	Detroit	Cut stone	28	1	29	....	1900
Oct. 28	Detroit Oval Mfg. Co., The	Detroit	Picture frames	19	8	27	....	1907
June 20	Detroit Overall Co	Detroit	Overalls	8	68	76	....	1909
July 26	Detroit Overall Co	Detroit	Clothing	8	68	76	....	1909
Oct. 31	Detroit Paper Stock Co	Detroit	Paper	10	10	20	1	1913
May 1	Detroit Paper Tube & Can Co	Detroit	Tubes and cans	13	15	28	....	1901
June 18	Detroit Pattern Co	Detroit	Patterns	11	....	11	1	1909
July 25	Detroit Photo Engraving Co	Detroit	Engraving	6	2	8	....	1898
Oct. 20	Detroit Piston Ring Co	Detroit	Piston rings	6	....	6	....	1913
July 31	Detroit Pressed Steel Co	Detroit	Trimmings	253	5	258	....	1910
June 24	Detroit Printers Roller Works	Detroit	Printers rollers	3	....	3	....	1904
Dec. 22	Detroit Printing & Stationery Co	Detroit	Stationery	6	1	7	....	1906
Nov. 6	Detroit Printing & Stationery Co	Detroit	Job printing	5	1	6	....	1907
Sept. 23	Detroit Provision Co	Detroit	Meats	14	....	14	....	1911
Oct. 14	Detroit Rack Co	Detroit	Furniture	10	1	11	....	1900
July 17	Detroit Railroad Elevator	Detroit	Grain	8	....	8	....	1886
Oct. 7	Detroit Range Boiler Co	Detroit	Boilers	95	2	97	....	1894
Sept. 9	Detroit River Iron Works	Detroit	Machinery	13	1	14	....	1908
June 16	Detroit Rubber Stamp Co	Detroit	Stamps	7	1	8	1	1886
Dec. 12	Detroit Sanitarium, The	Detroit	Laundry	2	....	2	....	1884
Dec. 1	Detroit Sanitary Brush Co., The	Detroit	Brushes	5	....	5	....	1911
Oct. 6	Detroit Sanitary Rag Co	Detroit	Wiping rags	2	5	7	....	1905
Dec. 10	Detroit Sanitary Supply Co	Detroit	Plumbers' supplies	96	1	97	....	1886
July 31	Detroit Saturday Night	Detroit	Printed matter	41	15	56	....	1906
May 9	Detroit Saw & Brazing Works	Detroit	Welding and brazing	2	....	2	....	1904
Sept. 19	Detroit Saw & Tool Co	Detroit	Saws and tools	12	....	12	....	1897
June 4	Detroit Saw & Tool Works	Detroit	Saws	11	....	11	....	1893
July 10	Detroit Screw Works	Detroit	Screws	436	7	443	....	1877
May 1	Detroit Seamless Steel Tubes Co	Detroit	Steel tubes	223	3	226	....	1900
Oct. 1	Detroit Sheet Metal Works	Detroit	Sheet metal	5	....	5	....	1912
July 9	Detroit Ship Building Co	Detroit	Ships, etc	434	3	437	....	1852
Dec. 9	Detroit Shoe Repairing & Pressing Co	Detroit	Shoe repairing	5	....	5	....	1910

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	WAYNE CO.—*Con.*							
Aug. 13	Detroit Show Case Co.	Detroit	Show cases	69	4	73	....	1864
Dec. 18	Detroit Smelting Co	Detroit	Brass	5	....	5	....	1913
Sept. 12	Detroit Soap Co	Detroit	Soap	35	12	47	....	1881
May 1	Detroit Socket Co	Detroit	Hardware	65	....	65	....	1909
Dec. 12	Detroit Soda Products Co	Detroit	Soda	14	5	19	....	1894
Sept. 9	Detroit Standard Gear Co	Detroit	Gears	36	1	37	....	1913
Oct. 21	Detroit Steam Carpet Cleaning Works	Detroit	Carpet cleaning	23	3	26	....	1873
Oct. 7	Detroit Steel Casting Co., The	Detroit	Casting	236	3	239	1	1902
Sept. 5	Detroit Steel Cooperage Co	Detroit	Tanks	156	1	157	....	1902
Aug. 6	Detroit Steel Products Co	Detroit	Steel products	461	14	475	2	1906
Sept. 11	Detroit Steering Wheel & Windshield Co	Detroit	Auto parts	37	1	38	....	1910
Aug. 4	Detroit Stoker Co	Detroit	Stokers	70	2	72	1	1908
Sept. 17	Detroit Stove Works	Detroit	Stoves, ranges, etc	831	12	843	12	1864
May 1	Detroit Sulphite Pulp & Paper Co	Detroit	Pulp and paper	216	14	230	....	1905
Oct. 31	Detroit Taxicab & Transfer Co	Detroit	Baggage service	104	3	107	....	1910
July 14	Detroit Taxicab & Transfer Co	Detroit	Passenger service	79	3	82	....	1863
Sept. 9	Detroit Terminal Storage Co	Detroit	Storage	19	2	21	....	1912
May 10	Detroit Tire Repair Works	Detroit	Tire repairing	3	....	3	....	1907
Nov. 24	Detroit Tire & Repair Works	Detroit	Tire repairing	4	....	4	....	1910
Nov. 5	Detroit Times, The	Detroit	Printed matter	59	10	69	1	1900
Dec. 24	Detroit Tobacco Co., The	Detroit	Tobacco	12	1	13	....	1885
Oct. 9	Detroit, Toledo & Ironton Railway Co	Detroit	Engine repairing	7	....	7	....	.....
May 15	Detroit Tool Co	Detroit	Tools, etc	51	....	51	....	1911
Sept. 4	Detroit Towel Supply Co	Detroit	Towels	4	3	7	....	1905
Nov. 4	Detroit Trailer Co	Detroit	Auto trailers	3	1	4	....	1913
May 9	Detroit Trailer Co	Detroit	Trailers	3	....	3	....	1913
Nov. 29	Detroit Tube Products Co	Detroit	Seamless tubes	11	....	11	....	1910
Aug. 26	Detroit Twist Drill Co	Detroit	Twist drills	167	11	178	5	1886
July 31	Detroit Typesetting Co	Detroit	Linotype	14	....	14	....	1910
Aug. 1	Detroit Union R. R. Depot & Station Co., The	Detroit	Grain	13	....	13	....	1883
Aug. 20	Detroit United Railway Co	Detroit	Car repairing	18	....	18	....	1896
Aug. 8	Detroit United Railway	Detroit	Car repairing	10	....	10	....	1891
Sept. 23	Detroit United Railway	Detroit	Car repairing	21	....	21	....	1898
Oct. 30	Detroit United Railway	Detroit	Car repairing	18	....	18	....	1898
July 29	Detroit United Railway	Detroit	Car repairing	14	....	14	....	1900
Oct. 17	Detroit United Railway	Detroit	Car repairing	5	....	5	....	1903
July 11	Detroit United Railway	Detroit	Car repairing	460	....	460	1	1903
Dec. 1	Detroit United Railway	Detroit	Car repairing	327	....	327	....	1900
Oct. 4	Detroit United Railway	Detroit	Track repairing	52	....	52	....	.....
Dec. 11	Detroit United Railway	Detroit	Cars	8	....	8	....	.....
Aug. 11	Detroit United Railway	Detroit	Air	2	....	2	....	1911
Dec. 16	Detroit Universal Film Co	Detroit	Films	9	10	19	....	1912
July 9	Detroit Vapor Stove Co., The	Detroit	Stoves	133	....	133	....	1896
June 12	Detroit Waste Works	Detroit	Waste	6	1	7	....	1892
Aug. 18	Detroit Water Works	Detroit	Water	58	....	58	....	.....
Aug. 25	Detroit Welding Co., The	Detroit	Machine parts	10	....	10	....	1912
Aug. 27	Detroit White Lead Works	Detroit	Paints and varnishes	120	22	142	....	1880
Dec. 18	Detroit Window & Stained Glass Co	Detroit	Stained glass	11	....	11	....	1861
Nov. 28	Detroit Wire Bound Box Co	Detroit	Boxes	12	1	13	2	1907
Sept. 15	Detroit Wire & Iron Works	Detroit	Wire and iron	4	....	4	....	1880
July 25	Detroit Wire Spring Co	Detroit	Wire springs	83	2	85	1	1909
Sept. 10	Detroit Woodoleum Co	Detroit	Woodoleum	16	....	16	....	1904
Sept. 8	Detroit Wood Pulley Co	Detroit	Wood pulleys	29	1	30	1	1898
Dec. 23	Deuel, Chas. C. Co	Detroit	Sheet metal	12	....	12	....	1905
Nov. 25	DeVere Machinery Co	Detroit	Machine repairing	3	....	3	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Aug. 14	De Young, William	Detroit	Baked goods	2	1	3	....	1908
Aug. 14	Diamond Laundry	Detroit	Laundry	5	6	11	....	1913
Aug. 13	Diamond Mfg. Co	Detroit	Castings	198	78	276	....	1897
June 9	Diamond Power Specialty Co	Detroit	Soot blowers	28	6	34	....	1904
Sept. 17	Diamond Rubber Co., The	Detroit	Auto tires	20	3	23	....	1899
Nov. 21	Diamond Store Fixture Co., The	Detroit	Show cases	7	....	7	....	1913
Nov. 18	Dickinson, H. H. Co	Detroit	Builders' supplies	29	1	30	....	1882
May 28	Dickson, Samuel	Detroit	Plumbing	12	....	12	....	1879
Sept. 26	Diehl, Wm. Sons	Detroit	Interior finish	31	....	31	....	1907
Sept. 23	Dieterle, H. F. Co	Detroit	Feed	7	1	8	....	1909
July 25	Dieterle, Wm. E	Detroit	Custom clothing	5	....	5	....	1906
May 19	Dietsche, A. C	Detroit	Postcards	9	9	18	....	1910
Sept. 27	Dietz, H	Detroit	Cigars	3	15	18	....	1879
Nov. 15	Dietz Printing Co	Detroit	Job printing	4	....	4	....	1903
June 27	Digestive Ferments Co	Detroit	Medicine	25	2	27	....	1913
Oct. 8	Dings, Chas. H	Detroit	Custom clothing	2	....	2	....	1871
Sept. 11	Disco Mfg. Co	Detroit	Electrical supplies	69	10	79	....	1911
May 9	Dispatch Laundry Co., The	Detroit	Laundry	17	51	68	....	1910
Aug. 4	Dispatch Printing Co	Detroit	Job printing	7	1	8	....	1910
Dec. 3	Dittrich, E. C. & Co	Detroit	Furs	13	12	25	....	1888
May 3	Ditzler Color Co	Detroit	Paints and varnishes	22	2	24	....	1900
Aug. 8	Dix Avenue Garage	Detroit	Auto repairing	7	....	7	....	1913
June 25	Dixie Laundry	Detroit	Laundry	5	21	26	....	1912
July 21	Dodge Bros	Detroit	Castings	130	....	130	....	.....
Dec. 29	Dormer, A. & Son	Detroit	Candies	2	1	3	....	1905
Sept. 17	Doemling Bros	Detroit	Furniture	11	....	11	....	1909
Nov. 13	Doetsch & Son	Detroit	Plumbing	7	....	7	....	1900
June 4	Donahue & Shoebottom Electrical Co	Detroit	Electrical supplies	24	....	24	....	1901
Sept. 10	Dongan Electric Mfg. Co	Detroit	Electrical supplies	11	1	12	....	1911
April 28	Dongan Electric Mfg. Co	Detroit	Electric supplies	5	1	6	....	1912
Nov. 25	Doolittle, Mrs. C	Detroit	Millinery	.....	5	5	....	1913
Dec. 26	Dossin, E. J	Detroit	Food products	25	1	26	....	1898
Nov. 17	Douglas & Lomason Co	Detroit	Auto accessories	114	5	119	....	1900
July 19	Doyle, Joseph J. & Co	Detroit	Plumbing	13	1	14	....	1912
Dec. 24	Drawe, John	Detroit	Custom clothing	6	5	11	....	1905
Sept. 23	Driever, Fred R	Detroit	Furniture	2	....	2	....	1911
Aug. 28	Drinkhaus, P. H. & Son	Detroit	Moulding	16	1	17	2	1890
Oct. 3	Drulard Hat Shop	Detroit	Millinery	.....	2	2	....	1910
Sept. 24	Ducastel, A	Detroit	Sheet metal	3	....	3	....	1913
May 23	Duckwall Belting & Hose Co	Detroit	Belts	4	....	4	....	1911
July 25	Duncan & Ferschneider	Detroit	Job printing	5	....	5	....	1908
July 31	Dunne, Arthur P	Detroit	Trucking	6	....	6	....	1900
July 29	Dunn, J. J	Detroit	Blacksmithing	3	....	3	....	1893
Oct. 8	Dunsmore & Co	Detroit	Plumbing	7	....	7	....	1908
Aug. 21	Durand & Co	Detroit	Cleaning and dyeing	6	9	15	....	1910
Sept. 27	Durand, Judge Cigar Co	Detroit	Cigars	7	22	29	....	1895
Oct. 27	Dust, Wm. T. Co., The	Detroit	Stove repairing	25	2	27	....	1890
Oct. 22	Eagle Cap Mfg. Co	Detroit	Caps	9	5	14	1	1910
May 9	Eagle Cornice & Roofing Co	Detroit	Roofing	33	....	33	....	1901
June 23	Eagle Paper Box Co	Detroit	Paper boxes	9	46	55	13	1893
July 11	East End Boiler Works	Detroit	Boilers	18	....	18	....	1887
Dec. 26	Eastern Family Laundry	Detroit	Laundry	7	5	12	....	1908
Sept. 12	Eastern Pattern Works	Detroit	Patterns	26	....	26	....	.....
Aug. 14	Eastern Stone Co	Detroit	Stone	9	....	9	....	1912
Sept. 22	Eastern Welding & Machine Works	Detroit	Welding	8	....	8	....	1912
July 23	Eastern Welding & Machine Works	Detroit	Machine repairing	2	....	2	....	1912
Oct. 6	East Jefferson Press	Detroit	Job printing	3	....	3	....	1911
Oct. 7	East Side Cartage Co	Detroit	Storage	17	1	18	....	1910
Nov. 3	East Side Garment Cleaning Co	Detroit	Dyeing and cleaning	2	....	2	....	1913

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
May 1	Eaton & Clark Co	Detroit	Chemicals	22	6	28	....	1838
Dec. 2	Eaton & Clark Co	Detroit	Chemicals	30	5	35	....	1868
Nov. 7	Eaton, Theo. H. & Sons	Detroit	Chemicals	10	....	10	....	1892
Oct. 27	Eberts Bros	Detroit	Roofing	10	....	10	....	1871
Nov. 18	Eby, F. B., Handle Co	Detroit	Valve handles	14	....	14	....	1913
Aug. 6	Eby Mfg. Co	Detroit	Auto parts	49	1	50	12	1904
Dec. 5	Eckel & Bonk Co	Detroit	Machinery	6	....	6	....	1910
Oct. 16	Eckhouse, E	Detroit	Ladies' garments	8	4	12	....	1911
Aug. 21	Eclipse Wire Novelty Co	Detroit	Wire hangers	7	....	7	....	1909
Sept. 26	Economy Cycle Co	Detroit	Repairing	47	3	50	....	1883
Oct. 17	Economy Electric Co	Detroit	Electric supplies	9	....	9	....	1906
June 25	Edgar Machine Co	Detroit	Machines	4	....	4	....	1912
Oct. 3	Edgar Sugar House	Detroit	Sugar	9	1	10	....	1911
Nov. 11	Edgar, W. H. & Son	Detroit	Provisions	76	10	86	1	1860
Sept. 24	Edison Illuminating Co., The	Detroit	Electricity	197	105	302	15	1885
Oct. 1	Edison Illuminating Co., The	Detroit	Machine repairing	102	2	104	....	1890
Dec. 11	Edison Illuminating Co., The	Detroit	Electric power	20	....	20	....	1891
Oct. 6	Edison Illuminating Co., The	Detroit	Electricity	5	....	5	....	1901
Aug. 26	Edison Illuminating Co., The	Detroit	Electricity	581	13	594	....	1905
Oct. 11	Edison Illuminating Co., The	Detroit	Electricity	5	....	5	....	1905
Aug. 20	Edison Illuminating Co., The	Detroit	Storage	14	....	14	....	1912
Sept. 3	Edison Illuminating Co., The	Detroit	Storage	11	....	11	....	1912
Sept. 4	Egle Bros. Mfg. Co	Detroit	Furnaces	17	1	18	....	1897
Oct. 7	Eichelberg & Wollgast	Detroit	Metal parts	7	....	7	....	1910
Oct. 7	Ekhardt & Becker	Detroit	Beer	46	....	46	....	1895
Aug. 11	Electric Depot Co	Detroit	Freight	137	....	137	1	1901
Sept. 25	Electric Garment Cleaning Co	Detroit	Cleaning and repairing	3	2	5	....	1903
Nov. 7	Electro Gravure Co	Detroit	Engraving	14	....	14	....	1900
Sept. 18	Electrolamp Co	Detroit	Electrical supplies	4	....	4	....	1912
May 12	Electrolamp Co., The	Detroit	Storage batteries	9	....	9	....	1912
Nov. 4	Electrolamp Co., The	Detroit	Storage batteries	12	1	13	....	1912
Oct. 1	Elite Laundry Co	Detroit	Laundry	4	19	23	....	1912
Nov. 24	Elite, The	Detroit	Millinery	.....	3	3	....	1909
Oct. 7	Ellis Engine Co	Detroit	Engines	18	4	22	....	1910
Nov. 3	El Mincero Cigar Co	Detroit	Cigars	3	2	5	....	1913
Sept. 20	El Mincero Cigar Co	Detroit	Cigars	5	2	7	....	1909
Oct. 8	Elson, H	Detroit	Baked goods	6	....	6	....	1907
Nov. 13	Elson, H	Detroit	Baked goods	7	....	7	....	1907
Oct. 10	Emerson, W. H. & Sons	Detroit	Machinery	20	4	24	....	1906
Aug. 20	Eminent Cigar Co	Detroit	Cigars	5	24	29	....	1908
July 24	Empire Laundry Co	Detroit	Laundry	12	68	80	....	1905
Aug. 6	Engine Repair Co	Detroit	Engine repairing	3	....	3	....	1911
July 28	Englander, J. A. & Son	Detroit	Belts, etc	4	11	15	....	1907
Aug. 4	England Mfg. Co., The	Detroit	Metal stampings	33	....	33	....	1912
Sept. 26	Engels, John J	Detroit	Custom clothing	2	....	2	....	1913
Dec. 3	English Woolen Mills Co	Detroit	Woolen goods	14	10	24	....	1905
Sept. 10	Enterprise Foundry Co., The	Detroit	Castings	139	....	139	....	1897
Oct. 9	Eppinger, Louis J. Co., The	Detroit	Fur goods	5	....	5	....	1890
July 11	Eoco Mfg. Co	Detroit	Auto repairing	3	1	4	....	1913
Oct. 16	Esper, A. & Son	Detroit	Coal and coke	5	1	6	....	1905
July 11	Essex Brass Co	Detroit	Lubricating devices	69	2	71	1	1901
Aug. 7	Essler, Wm	Detroit	Wagons and trucks	7	....	7	....	1876
Dec. 16	Eureka Art Co	Detroit	Art goods	5	1	6	....	1893
Nov. 3	Eureka Dry Cleaners & Dyers	Detroit	Cleaning and pressing	1	2	3	....	1908
Oct. 14	Eureka Feather Co	Detroit	Feather cleaning	1	1	2	....	1913

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
June 11	Eureka Japanning Co	Detroit	Japanning	3	1	4	....	1898
Aug. 15	Evening News Association, The	Detroit	Printed matter	279	35	314	....	1873
Oct. 24	Exclusive Hat Frame Shop, The	Detroit	Hat frames	5	7	12	....	1911
May 28	Excelsior Tool & Repair Co	Detroit	Tools	13	1	14	....	1911
Dec. 27	Faber, N. H	Detroit	Cigars	4	....	4	....	1878
May 12	Fairbanks, Morse & Co	Detroit	Scales, etc	14	4	18	....	1902
Sept. 24	Fairview Cement Block Co	Detroit	Cement blocks	11	1	12	....	1911
Aug. 1	Fairview Coal & Supply Co	Detroit	Coal and builders' supplies	33	....	33	....	1906
Aug. 4	Fairview Foundry Co	Detroit	Castings	196	....	196	1	1909
Aug. 4	Fairview Printing Co	Detroit	Job printing	12	2	14	1	1910
Aug. 18	Fairview Sewer Pumping Station	Detroit	Water	9	....	9	....	1912
Aug. 4	Fairview Sheet Metal Works	Detroit	Sheet metal	4	....	4	....	1912
Sept. 24	Fairview Shoeing Forge	Detroit	Blacksmithing	3	....	3	....	1912
Oct. 15	Faltis Market Co	Detroit	Poultry	25	4	29	....	1864
Aug. 18	Famous Shoe Repair Co	Detroit	Shoe repairing	10	....	10	....	1902
June 18	Farin Bros	Detroit	Sheet metal	10	....	10	....	1897
June 10	Farmer, A. J	Detroit	Motor parts	6	....	6	....	1913
July 25	Farmer Mfg. Co., The	Detroit	Motor parts	9	1	10	....	1913
Dec. 30	Farnam, L. E	Detroit	Meats	2	1	3	....	1911
Oct. 17	Farrand Co., The	Detroit	Pianos	169	14	183	19	1883
Oct. 17	Farrell, James M	Detroit	Furs	6	6	12	....	1898
Dec. 29	Fashion Tailors	Detroit	Ladies' tailoring	5	3	8	....	1911
May 10	Federal Auto Top Co	Detroit	Auto tops	3	....	3	....	1912
Sept. 8	Federal Motor Truck Co	Detroit	Motor trucks	178	6	184	....	1910
Aug. 8	Feerer Sanitary Wiping Cloth Co	Detroit	Sanitary cloth	6	9	15	....	1910
Aug. 25	Fergenson Bros	Detroit	Mineral water	14	....	14	....	1909
Oct. 14	Fell, Alice E	Detroit	Millinery	....	3	3	....	1907
Nov. 13	Fellman, J	Detroit	Shoes, etc	3	9	12	....	1893
Oct. 11	Fellrath, John	Detroit	Coal and coke	7	....	7	....	1900
Oct. 13	Fentress-Newton Mfg. Co	Detroit	Motorcycle accessories	6	1	7	....	1912
Oct. 3	Ferry, D. M. & Co	Detroit	Seeds	328	547	875	....	1856
Dec. 26	Fiferlik, A. J	Detroit	Custom clothing	3	2	5	....	1895
Sept. 17	Finck, W. M. & Co	Detroit	Overalls	71	764	835	....	1902
Sept. 16	Finley, Nathan & Co	Detroit	Custom clothing	3	3	6	....	1905
Nov. 10	Finn, A. J	Detroit	Plumbing	2	1	3	....	1913
Nov. 26	Fire Protection Co., The	Detroit	Fire protection devices	7	1	8	....	1910
Sept. 18	Firstnaw & Hart	Detroit	Auto trimmings	37	....	37	....	1898
Sept. 18	Fisher, A	Detroit	Auto bodies	28	....	28	....	1891
Sept. 5	Fisher Body Co	Detroit	Auto bodies	1,520	9	1,529	....	1908
Sept. 6	Fisher Closed Body Co	Detroit	Auto bodies	537	25	562	....	1910
June 12	Fisher Electrical Works	Detroit	Electrical supplies	27	2	29	....	1890
Aug. 29	Fisher, J. C	Detroit	Carriages and wagons	3	....	3	....	1906
May 12	Fisk Rubber Co., The	Detroit	Rubber tires	17	4	21	....	1900
Oct. 27	Five Dollar Hat Shop	Detroit	Millinery	1	2	3	....	1906
Dec. 4	Flanigan & Meier	Detroit	Plumbing	9	....	9	....	1908
May 15	Fleischmann Co., The	Detroit	Yeast	22	12	34	1	1878
Aug. 9	Fleming, William	Detroit	Blacksmithing	4	....	4	....	1883
Dec. 30	Fletcher Hardware Co	Detroit	Hardware	26	6	32	....	1852
Nov. 26	Fogarty, John Cartage Co	Detroit	Cartage	12	....	12	....	1909
June 20	Foley, Eugene J	Detroit	Candy	2	3	5	....	1911
Oct. 1	Ford Motor Co	Detroit	Auto repairing	29	18	47	....	1903
April 30	Forkel, H. H. Co	Detroit	Drugs	3	....	3	....	1902
Sept. 27	Forman, Thomas Co	Detroit	Lumber	107	....	107	....	1902
Dec. 23	Forrester, L. W	Detroit	Plumbing	11	....	11	....	1908
June 4	Fox, William Elevator Co	Detroit	Elevators	5	....	5	....	1903

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Nov. 25	Francis Press, The	Detroit	Job printing	2	....	2	1	1910
Oct. 22	Frank, A. P.	Detroit	Blacksmithing	3	....	3	....	1911
Aug. 5	Frank Bros. Iron & Metal Co	Detroit	Junk	11	....	11	....	1903
Oct. 20	Franklin, Moses	Detroit	Junk	2	4	6	....	1910
Aug. 5	Franklin Press, The	Detroit	Job printing	45	14	59	4	1903
Oct. 16	Frazer Paint Co.	Detroit	Paint	6	1	7	....	1902
Oct. 23	Freer, John	Detroit	Coal and coke	30	3	33	....	1903
Sept. 26	Freuhauf, A. C.	Detroit	Wagon repairing	4	....	4	....	1893
Dec. 5	Friedrich, O. J. G.	Detroit	Upholstering	7	....	7	....	1902
May 22	Friesema Bros. Printing Co	Detroit	Job printing	37	21	58	....	1886
May 8	Frink, J. H. & B. Co	Detroit	Job printing	3	....	3	....	1871
June 10	Frohlich Glass Co	Detroit	Paints, etc	24	1	25	....	1892
May 6	Frontier Engineering Co., Inc	Detroit	Castings	22	1	23	....	1909
Dec. 31	Fruchey Mfg. Co., The	Detroit	Auto parts	16	....	16	....	1911
Sept. 22	Freund Cigar Co	Detroit	Cigars	4	1	5	....	1900
Sept. 22	Fuhrman, Andrew & Co	Detroit	Wood turning	5	....	5	....	1895
Aug. 20	Fuller Co., The	Detroit	Motors	33	1	34	....	1913
Dec. 19	Fullington, G. H.	Detroit	Auto parts	5	....	5	....	1900
May 7	Fulton, John J. Co	Detroit	Drugs	2	2	4	....	1907
Oct. 13	F. C. D. Inner Tube Protector Co	Detroit	Inner tubes	6	1	7	....	1913
May 29	Gagnier Stereotype Foundry	Detroit	Stereotype	3	....	3	....	1912
May 10	Gallagher, E. B. & Co	Detroit	Crushed fruits	25	18	43	....	1903
Oct. 8	Gallow, H.	Detroit	Junk	5	....	5	....	1905
Sept. 30	Gardner-White Co., The	Detroit	Furniture	9	2	11	....	1910
June 17	Garton-Fisher-Wells Co	Detroit	Millinery	9	33	42	....	1898
May 3	Garrett, F. J.	Detroit	Blacksmithing	3	....	3	....	1888
Dec. 30	Gately Clothing Co	Detroit	Clothing	23	39	62	....	1897
May 1	Gazley & Peirce	Detroit	Machinery	9	....	9	....	1912
Aug. 7	Gear Grinding Machine Co	Detroit	Machinery	105	2	107	1	1908
April 29	Gebhard Paper Co	Detroit	Printers' supplies	3	....	3	....	1905
Dec. 17	Gehlert Coffee Co	Detroit	Coffee	12	4	16	....	1901
Nov. 28	Gemmer Mfg. Co	Detroit	Storage	3	....	3	....	1912
Dec. 1	Gemmer Mfg. Co	Detroit	Auto parts	253	4	257	11	1907
Aug. 7	General Aluminum Brass Castings Co.	Detroit	Auto parts	146	2	148	4	1912
Oct. 2	General Auto & Tire Co	Detroit	Auto repairing	5	....	5	....	1910
Aug. 18	General Builders' Supply Co	Detroit	Builders' supplies	6	....	6	....	1913
Aug. 4	General Film Co	Detroit	Films	16	13	29	....	1908
Dec. 19	General Grocery Co	Detroit	Groceries	26	10	36	....	1911
Sept. 3	General Ice Delivery Co	Detroit	Ice	137	....	137	....	1902
Oct. 14	General Ice Delivery Co	Detroit	Ice and coal	3	....	3	....	1904
July 19	General Ice Delivery Co	Detroit	Ice	64	....	64	....	1912
Dec. 2	General Ice Delivery Co	Detroit	Ice	20	....	20	....	1913
Oct. 25	Gerisch, A. F.	Detroit	Baked goods	4	1	5	....	1913
Dec. 9	Gerisch, Chas. G.	Detroit	Sausages	6	....	6	....	1896
Aug. 13	Gibeau, Chas.	Detroit	Trucking, etc	7	....	7	....	1898
June 14	Gies Gear Co	Detroit	Gears	23	1	24	....	1907
Aug. 7	Gies, Geo. J.	Detroit	Beer	7	....	7	....	1886
Oct. 21	Gilbert, G. W.	Detroit	Roofing	16	....	16	....	1856
Oct. 17	Globe Clothes Cleaning Parlor, The	Detroit	Cleaning and pressing	2	....	2	....	1913
Sept. 25	Globe Foundry Co	Detroit	Plumbers' supplies	16	1	17	....	1910
Nov. 8	Globe Tobacco Co	Detroit	Tobacco	37	59	96	4	1880
Nov. 28	Glow Electro Plating Co	Detroit	Plating	18	1	19	1	1912
Dec. 12	Glue Specialties Co	Detroit	Glue	9	....	9	....	1913
Sept. 19	Gmeiner, J. Co., The	Detroit	Jewelry	5	....	5	....	1908
July 16	Goddard, F. H., Inc	Detroit	Building material	71	....	71	....	1908
Oct. 3	Goddeyne, E. F.	Detroit	Cigars	3	....	3	....	1909
July 30	Godfrey, A. & Co	Detroit	Photographs	3	....	3	....	1893
Nov. 28	Godfrey, David F.	Detroit	Auto repairing	8	....	8	....	1907
Nov. 17	Goebel Brewing Co., The	Detroit	Beer	135	8	143	....	1880
Sept. 17	Goetsch, Paul	Detroit	Baked goods	1	2	3	....	1902

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Dec. 24	Goff, Charles A.	Detroit	Woodwork, etc	2	....	2	....	1905
Dec. 18	Golden, Belknap & Swartz Co	Detroit	Motors	50	1	51	....	1910
Dec. 29	Golden, Lewis	Detroit	Custom clothing	17	10	27	....	1888
Dec. 3	Golden Storage & Cartage Co	Detroit	Storage	13	....	13	....	1907
Dec. 11	Goldman, A. & Co	Detroit	Junk	11	2	13	....	1883
Oct. 13	Goldner, C & Son	Detroit	Carriages and wagons	4	....	4	....	1873
Nov. 22	Good Luck Bakery	Detroit	Baked goods	7	....	7	....	1903
July 23	Goodnow & Blake Mfg. Co	Detroit	Metal springs	17	1	18	....	1906
July 23	Goodnow Power Block	Detroit	Power	2	....	2	....	1899
Aug. 7	Goodspeed-Detroit Mfg. Co., Ltd	Detroit	Auto parts	16	1	17	....	1908
Dec. 3	Goodrich, B. F. Rubber Co., The	Detroit	Auto repairing	36	4	40	....	1905
July 29	Gordon, Alexander	Detroit	Cigars	9	169	178	3	1873
Nov. 25	Gordon, Mrs. F. B	Detroit	Millinery	.....	3	3	....	1911
Sept. 20	Gordon & Pagel Co	Detroit	Baked goods	302	12	314	1	1890
May 1	Goss, J. C. Co	Detroit	Awnings	57	23	80	....	1879
Aug. 20	Gourlay Bros	Detroit	Shirts	2	6	8	....	1875
July 18	Gourlay, Wm., Jr	Detroit	Plumbing	7	1	8	....	1898
Dec. 3	Grace Hospital	Detroit	Laundry	4	8	12	....	1890
May 5	Grace Harbor Lumber Co	Detroit	Lumber	36	....	36	....	1903
Nov. 12	Grace Harbor Lumber Co	Detroit	Lumber and coal	20	....	20	....	1905
Aug. 11	Grace Harbor Lumber Co	Detroit	Lumber	24	....	24	....	1906
Oct. 20	Graebert & Sons	Detroit	Castings	12	....	12	....	1894
Oct. 21	Graff, Mrs. G. S	Detroit	Millinery	.....	2	2	....	1910
Oct. 3	Graham, John E	Detroit	Cigars	.....	3	3	....	1911
Aug. 29	Graham, Samuel	Detroit	Plumbing	4	....	4	....	1893
June 4	Graham, Wm. Printing Co	Detroit	Job printing	30	13	43	1	1888
Nov. 26	Grand Auto Painting & Trimming Co	Detroit	Painting and trimming	10	....	10	....	1913
Nov. 11	Grand Laundry, The	Detroit	Laundry	40	48	88	....	1885
May 27	Grand Rapids Blow Pipe Co	Detroit	Blow pipes	14	....	14	....	1912
Nov. 26	Grand River Expert Shoe Repairing Shop, The	Detroit	Shoe repairing	2	....	2	....	1913
Nov. 19	Grand Trunk Railway Station	Detroit	Car repairing	82	....	82	....	1870
Dec. 22	Grand Trunk Railway System	Detroit	Freight	22	....	22	....	1911
Oct. 10	Grant Bros. Auto Co	Detroit	Automobiles	10	2	12	....	1906
Sept. 3	Grant Bros. Foundry Co	Detroit	Castings	52	....	52	....	1910
Sept. 18	Grant Iron & Metal Co	Detroit	Junk	30	1	31	....	1911
Aug. 29	Grasseli Chemical Co., The	Detroit	Chemicals	8	....	8	....	1912
Sept. 25	Gratiot Avenue Garage	Detroit	Auto repairing	4	....	4	....	1912
Sept. 25	Gratiot Lumber & Coal Co., The	Detroit	Coal	4	....	4	....	1907
April 29	Gray, A. A. Co	Detroit	Upholstering	13	1	14	....	1884
Aug. 23	Gray Bros. Electric Co	Detroit	Motor repairing	17	2	19	....	1906
Oct. 1	Gray & Davis Co	Detroit	Auto lamps	7	....	7	....	1913
Dec. 5	Gray-Hawley Mfg. Co	Detroit	Auto parts	35	....	35	....	1905
Oct. 24	Gray Motor Co	Detroit	Gasoline engines	186	34	220	....	1905
Sept. 10	Greater Detroit Machine & Tool Co	Detroit	Tools	18	....	18	....	1910
July 8	Great Lakes Engineering Works	Detroit	Marine engines	216	2	218	....	1893
Oct. 10	Greenbaum, J	Detroit	Dresses	2	23	25	....	1908
Oct. 15	Greenbaum, Mrs. E	Detroit	Millinery	.....	3	3	....	1907
Nov. 10	Greenbaum, S. & Co	Detroit	Cloaks, suits, etc	5	3	8	....	1912
May 7	Greenwood-Atkinson-Armstrong Co., The	Detroit	Uniforms	17	23	40	....	1901
Oct. 7	Greenslade Oil Co	Detroit	Oils	12	....	12	....	1864
July 28	Gregory, Mayer & Thom Co	Detroit	Job printing	104	86	190	....	1898
Oct. 3	Grets Baking Co	Detroit	Baked goods	6	....	6	....	1898
Oct. 1	Griffin Wheel Co	Detroit	Car wheels	67	2	69	....	.....
Oct. 31	Grigg-Hanna Co	Detroit	Wooden boxes	71	2	73	6	1897
Oct. 21	Grimm, Herman	Detroit	Custom clothing	3	....	3	....	1888

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Oct. 31	Grinnell Bros.	Detroit	Pianos	102	....	102	....	1905
May 14	Grinnell Electric Car Co.	Detroit	Automobiles	54	1	55	....	1911
Sept. 16	Griswold Electric Shoe Repair Shop	Detroit	Shoe repairing	4	....	4	....	1911
Nov. 17	Griswold Motor & Body Co.	Detroit	Auto bodies	104	....	104	....	1909
Aug. 1	Griswold Press, The	Detroit	Job printing	30	7	37	2	1911
Sept. 22	Grose, Robert A.	Detroit	Blacksmithing	3	....	3	....	1906
Sept. 25	Grosse Pointe Lumber Co.	Detroit	Lumber	35	2	37	....	1910
Nov. 14	Gross, J. H.	Detroit	Plumbing	5	....	5	....	1912
Sept. 29	Grossman & Harris	Detroit	Junk	6	4	10	....	1890
Oct. 6	Gruber, Geo. & Son	Detroit	Brushes	8	1	9	....	1880
Oct. 7	Gruss, Jos.	Detroit	Wagons and trucks	4	....	4	....	1893
Dec. 18	Guillos, S. J. & Son	Detroit	Furnaces	9	....	9	....	1886
Sept. 8	Gursh, R. C. & Son	Detroit	Coal	7	....	7	....	1905
Sept. 23	Gustav, The Tailor	Detroit	Custom clothing	4	....	4	....	1909
Sept. 5	Gutow, Herman	Detroit	Interior finish	20	....	20	....	1900
Nov. 14	Gypsite Fireproofing Co.	Detroit	Fireproofing	22	....	22	....	1913
May 8	G. & G. Mfg. Co.	Detroit	Auto parts	37	....	37	....	1912
June 20	Haberkorn, J. H. A. Co.	Detroit	Interior finish	26	....	26	....	1911
Sept. 28	Hackett Bros. Brass Foundry	Detroit	Castings	6	....	6	....	1903
Dec. 1	Hahn, H. L. Co.	Detroit	Lumber	8	....	8	....	1913
July 28	Hall, C. M. Lamp Co.	Detroit	Auto lamps	147	12	159	4	1909
Oct. 27	Hall, Frank	Detroit	Blacksmithing	2	....	2	....	1906
Aug. 19	Halliday & Dietzel	Detroit	Auto repairing	8	1	9	....	1912
Dec. 15	Hall & Kuns	Detroit	Wall paper	10	....	10	....	1901
July 22	Halsig, Theo. & Son	Detroit	Wagons	4	....	4	....	1883
Nov. 25	Hamilton Garage Co.	Detroit	Auto repairing	7	....	7	....	1913
Oct. 6	Hammond Beef Co.	Detroit	Meats	19	....	19	....	1895
Oct. 1	Hammond, Standish Co.	Detroit	Provisions	335	10	345	....	1859
Dec. 31	Hampton & Holland	Detroit	Wagons	4	....	4	....	1908
May 20	Handford-Jesse Printing Co.	Detroit	Job printing	7	1	8	....	1912
Sept. 23	Haney & Dixon	Detroit	Custom clothing	3	....	3	....	1912
Oct. 31	Hanna, Fred Co.	Detroit	Interior finish	12	1	13	....	1908
Oct. 14	Hanney Stamping Works, The	Detroit	Stampings	4	....	4	....	1913
Dec. 6	Hanshaw, E. B. & Co.	Detroit	Job printing	5	....	5	....	1905
Oct. 14	Hanson Tool & Die Co.	Detroit	Tools	27	1	28	....	1909
Oct. 8	Harcus & Co.	Detroit	Building material	33	1	34	....	1887
Nov. 26	Harder Welding Co., The	Detroit	Welding	3	....	3	....	1913
Oct. 14	Harding, H. W. Lumber Co.	Detroit	Lumber	14	....	14	....	.....
Aug. 5	Hardoin, John B.	Detroit	Cigars	4	....	4	....	1913
Nov. 4	Hardy, E. M. Co.	Detroit	Engravings	9	4	13	....	1910
Sept. 12	Hargreaves Mfg. Co.	Detroit	Picture frames	246	60	306	12	1876
June 12	Harland, Geo. Co., The	Detroit	Job printing	6	2	8	....	1900
Nov. 25	Harp Cycle Co.	Detroit	Cycle repairing	3	....	3	....	1910
Oct. 8	Harper Hospital	Detroit	Laundry	3	14	17	....	1864
Aug. 30	Harrigan, J. M. Lumber Co.	Detroit	Lumber	4	2	6	....	1909
Aug. 19	Harrigan & Reid Co.	Detroit	Plumbing	54	4	58	....	1899
Oct. 6	Harrington, Thomas	Detroit	Cartage, etc.	10	1	11	....	1901
Oct. 17	Harris, D. M.	Detroit	Auto repairing	2	....	2	....	1910
July 23	Harris, Howard G. Co.	Detroit	Plating, etc.	19	1	20	....	1912
Nov. 18	Harrison, F. W.	Detroit	Coal	7	....	7	....	1902
Dec. 18	Hartge, Jos. G.	Detroit	Sheet metal	4	....	4	....	1891
Oct. 6	Hartsell, Madame Alice	Detroit	Dressmaking	.....	3	3	....	1905
July 25	Hartwick Lumber Co.	Detroit	Lumber	21	2	23	....	1908
July 25	Hartwick Lumber Co.	Detroit	Lumber	22	3	25	....	1909
July 31	Hartwick Lumber Co.	Detroit	Lumber	24	1	25	....	1912
July 24	Hart, Wm.	Detroit	Cigars	4	....	4	....	1876
Nov. 24	Harts, J. F. Co., The	Detroit	Surgical instruments	12	5	17	1	1896
July 9	Harvey's, A. Sons Mfg. Co., Ltd.	Detroit	Plumbers' supplies	94	6	100	2	1855
Nov. 25	Haskin, W. H.	Detroit	Custom clothing	3	2	5	....	1912
Sept. 17	Hasse, J. C. & Son	Detroit	Custom clothing	18	6	24	....	1880

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Sept. 11	Hasty, J. F. & Sons	Detroit	Barrels and tubs	37	1	38	....	1859
June 24	Hatt, George & Son Co	Detroit	Sponging	3	....	3	....	1900
Sept. 23	Hawkins, Miss E. B	Detroit	Tailoring	1	21	22	....	1907
Sept. 15	Haybell, Mrs. William	Detroit	Millinery	.....	3	3	....	1910
Sept. 25	Hayden, P. F	Detroit	Job printing	1	2	3	....	1889
Oct. 14	Hayes, C. M. & Co	Detroit	Photographs	7	6	13	....	1901
Oct. 3	Hayes, E. M	Detroit	Coal	6	....	6	....	1901
July 11	Hayes File Co	Detroit	Files and rasps	17	....	17	....	1870
Dec. 12	Hayes Mfg. Co	Detroit	Auto parts	219	7	226	1	1903
Oct. 15	Hay, Ivan C	Detroit	Baked goods	3	1	4	....	1912
April 30	Hay Mfg. Co	Detroit	Table relishes	4	5	9	....	1908
Nov. 25	Haslett & Droste	Detroit	Custom clothing	4	1	5	....	1912
Oct. 11	Heafenfelt Bros	Detroit	Auto repairing	5	....	5	....	1899
July 29	Heames, W. E. Co	Detroit	Bakers' supplies	9	5	14	....	1899
June 5	Heath, Wm. C	Detroit	Job printing	3	....	3	....	1880
Oct. 7	Heck Printing Co., The	Detroit	Job printing	4	1	5	....	1882
Nov. 14	Hefter, Herman	Detroit	Baked goods	8	2	10	1	1906
Aug. 30	Heier, C. W	Detroit	Wagons, trucks, etc	3	....	3	....	1912
June 20	Heimbuch & Son	Detroit	Cigars	14	8	22	....	1880
Sept. 22	Heinrich, E. F	Detroit	Custom clothing	3	1	4	....	1905
July 14	Heins, H. J. Co	Detroit	Canned goods	9	2	11	....	1912
Dec. 13	Heitman, Garand Co	Detroit	Printed matter	6	....	6	1	1908
Oct. 1	Hejka, J. Co	Detroit	Clothes repairing	3	....	3	....	1909
Aug. 19	Helen Garage	Detroit	Auto repairing	2	....	2	....	1912
May 17	Helpes, William	Detroit	Blacksmithing	4	....	4	....	1911
Oct. 20	Helson, R	Detroit	Building supplies	19	....	19	....	1883
Nov. 4	Hemmeter Cigar Co	Detroit	Cigars	24	400	424	7	1893
May 13	Henderson-Ames Co., The	Detroit	Military goods	2	5	7	....	1880
July 22	Henderson Motorcycle Co., The	Detroit	Motorcycles	183	3	186	19	1909
June 3	Hendricks-Marts Bros. Co., The	Detroit	Glass	8	....	8	....	1910
June 18	Hensien Mfg. Co	Detroit	Sheet metal	17	2	19	....	1869
Nov. 12	Hensley Trolley & Mfg. Co., The	Detroit	Brass goods	14	....	14	....	1906
Aug. 5	Henry, John Truck Co	Detroit	Trucking	16	1	17	....	1895
May 23	Henry, Thos. P. Linotyping Co	Detroit	Linotyping	15	4	19	....	1905
Nov. 18	Herbert Mfg. Co	Detroit	Auto parts	705	27	732	3	1899
Nov. 21	Herbrand, F	Detroit	Meats	4	....	4	....	1909
Oct. 24	Herbst, Chas. W	Detroit	Custom clothing	16	....	16	....	1888
May 27	Herold Printing Co	Detroit	Job printing	8	1	9	....	1901
April 28	Herpicide Co., The	Detroit	Medicine	10	21	31	....	1900
Aug. 14	Herreshoff Motor Co	Detroit	Automobiles	75	3	78	....	1909
Nov. 6	Hersh, Harry	Detroit	Custom clothing	3	....	3	....	1900
Nov. 14	Hertz & Hosbach Co., Ltd	Detroit	Interior finish	81	1	82	....	1892
Oct. 11	Hesch, Alexander	Detroit	Metal parts	5	....	5	....	1895
Nov. 5	Hielscher, William E	Detroit	Wire, etc	7	....	7	1	1903
Nov. 13	Hines Mfg. Co	Detroit	Auto parts	4	....	4	....	1912
Nov. 17	Hobart, H. M. & Son	Detroit	Feed	10	....	10	....	1905
Sept. 18	Hobbs Concrete Machinery Co	Detroit	Machinery	11	1	12	....	1911
July 22	Hock, John	Detroit	Trucking	17	....	17	....	1878
Oct. 22	Hodes, S	Detroit	Custom clothing	4	....	4	....	1903
Sept. 24	Hoffman, John & Son	Detroit	Custom clothing	4	....	4	....	1912
Sept. 19	Hoffman Mfg. Co., The	Detroit	Furniture	32	1	33	....	1891
Sept. 5	Hoffman, Geo. C	Detroit	Custom clothing	2	....	2	....	1900
Aug. 26	Holcomb Dyeing & Cleaning Co	Detroit	Dyeing and cleaning	3	2	5	....	1911
Sept. 16	Holley Bros. Co	Detroit	Carburetors	37	6	43	....	1905
Sept. 26	Holmes, Arthur L. Lumber & Fuel Co	Detroit	Lumber and fuel	27	1	28	....	1909

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Oct. 6	Holmes, Fred E. Co	Detroit	Auto parts	5	1	6	....	1913
Dec. 26	Holmes, R. B., Jr	Detroit	Painting	12	....	12	....	1901
Aug. 21	Holst, O. F	Detroit	Blacksmithing	3	....	3	....	1913
May 7	Holt Bros	Detroit	Wool dusters	1	4	5	....	1912
Oct. 17	Holtorf, F	Detroit	Baked goods	2	1	3	....	1911
Oct. 29	Horn, Frank J	Detroit	Blacksmithing	2	....	2	....	1902
Nov. 26	Horger Bros	Detroit	Flour and feed	4	....	4	....	1910
Nov. 11	Horton, Cato Mfg. Co., The	Detroit	Condiments	14	32	46	....	1876
Oct. 23	Hosbach, Henry J. & Sons	Detroit	Upholstering	13	....	13	....	1904
Nov. 24	Hoskins Laundry	Detroit	Laundry	21	42	63	4	1898
Dec. 12	Hoskins Mfg. Co	Detroit	Electric furnaces	40	4	44	....	1906
July 23	Hough Mfg. Co., The	Detroit	Galvanized iron	10	1	11	....	1905
Sept. 15	Houghten, C. T. & Co	Detroit	Gloves	3	22	25	....	1913
Sept. 4	Houghten-French Coal Co	Detroit	Coal	35	1	36	....	1906
Aug. 29	Houghten-French Coal Co	Detroit	Coal and coke	23	1	24	....	1886
May 28	Houghton-Jacobson Printing Co	Detroit	Job printing	47	20	67	2	1903
Aug. 22	Houghten-Kaiser Cement Block Co.	Detroit	Cement blocks	17	....	17	....	1905
Dec. 1	Houghton, William C	Detroit	Coal	8	....	8	....	1905
Dec. 29	House of George, The	Detroit	Furs	7	19	26	....	1900
July 15	House of Good Shepherd	Detroit	Power	2	....	2	....	1893
July 15	House of Good Shepherd	Detroit	Laundry	5	131	136	....	1893
July 15	House of Good Shepherd	Detroit	Clothing	.....	26	26	....	1893
July 15	House of Good Shepherd	Detroit	Fancy goods	.....	104	104	50	1893
Dec. 30	House of Herbst, The	Detroit	Bushling	5	....	5	1	1897
July 15	House of Providence	Detroit	Laundry	2	7	9	....	1909
June 25	Hovey, C. G	Detroit	Candy	3	3	6	....	1913
May 19	Hovey's	Detroit	Confectionery	4	5	9	....	1886
Oct. 8	Howarn Cigar Co	Detroit	Cigars	8	6	14	....	1910
Nov. 24	Howie Roofing Co	Detroit	Sheet metal	103	....	103	....	1893
Dec. 19	Hoyt Steam Laundry	Detroit	Laundry	17	41	58	1	1876
Oct. 10	Huber, C. & Son	Detroit	Baked goods	3	2	5	....	.....
July 28	Hudson Motor Car Co	Detroit	Automobiles	793	20	813	12	1908
July 30	Huebner Mfg. Co	Detroit	Sash, doors, etc	65	....	65	....	1859
Nov. 28	Huebner Screen Door Co	Detroit	Screen doors	10	....	10	....	1893
Aug. 11	Hueteman & Kramer	Detroit	Machinery	70	3	73	....	1872
Aug. 6	Hughes Gelatine Co	Detroit	Gelatine, etc	2	1	3	....	1907
Dec. 10	Hughes, J. W	Detroit	Photographs	8	10	18	....	1905
Nov. 19	Humphrey Widman Book Case Co	Detroit	Mirrors and furniture	117	14	131	....	1890
Oct. 6	Humphrey, L. W	Detroit	Baked goods	2	1	3	....	1895
May 19	Humrich Bros. Co	Detroit	Trunks	4	....	4	....	1909
Oct. 9	Hungarian News	Detroit	Printed matter	2	....	2	....	1908
Nov. 4	Hunter & Hunter	Detroit	Millinery	.....	8	8	....	1909
Oct. 5	Hunton & Weeks	Detroit	Lumber	17	....	17	....	1892
Sept. 26	Hunton & Weeks	Detroit	Lumber	11	....	11	....	1907
Oct. 13	Hunton & Weeks	Detroit	Lumber	14	....	14	....	1880
Dec. 1	Hunt Show Case & Mfg. Co	Detroit	Show cases	35	3	38	1	1906
July 30	Hupp Motor Car Co	Detroit	Painting and trimming	18	1	19	....	1908
Sept. 4	Hupp Motor Car Co	Detroit	Motor cars	987	30	1,017	....	1908
Dec. 18	Hupprich, A	Detroit	Flower pots	7	....	7	....	1883
Aug. 6	Hurd, W. F. Co	Detroit	Interior finish	65	1	66	....	1903
Nov. 28	Hurley, J. & T	Detroit	Coal	43	....	43	....	1888
July 31	Hurley, J. & T. Co	Detroit	Coal	8	....	8	....	1912
Sept. 27	Hurley, Thos. J	Detroit	Plumbing	5	....	5	....	1902
July 14	Huron Portland Cement Co	Detroit	Cement	35	....	35	....	1911
May 22	Huron Radiator & Lamp Co	Detroit	Radiators	9	....	9	....	1910
July 30	Huron Rubber Stamp Works	Detroit	Rubber stamps	2	....	2	....	1890
Sept. 15	Huss, W. H. Co., The	Detroit	Custom clothing	15	3	18	....	1894
June 27	Hutton, Robert & Co	Detroit	Sheet metal	32	....	32	....	1880
Sept. 9	Hygeia Filter Co	Detroit	Filters	13	1	14	....	1899
Aug. 8	H. B. Cigar Co., The	Detroit	Cigars	3	11	14	1	1896

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Nov. 11	Ideal Belt Co	Detroit	Belts	7	5	12	....	1906
Oct. 21	Ideal Hat Shop	Detroit	Millinery	.....	4	4	....	1913
Oct. 16	Ideal Register & Metallic Furniture Co	Detroit	Furniture	20	3	23	1	1903
Aug. 20	Illuminating Engineering Co	Detroit	Electrical goods	9	2	11	....	1908
June 25	Imlay's	Detroit	Dyeing and cleaning	12	5	17	....	1908
Dec. 1	Imperial Bearing Co	Detroit	Ball bearings	11	....	11	....	1910
Nov. 18	Imperial Wet Wash Laundry Co	Detroit	Laundry	6	2	8	....	1912
Sept. 22	Independent Box Co	Detroit	Shipping cases	8	....	8	1	1897
Aug. 14	Independent Brewing Co., The	Detroit	Beer	40	....	40	....	1907
Aug. 12	Indian Refining Co., The	Detroit	Oils	12	....	12	....	1910
Nov. 25	India Palmetto Brush Co	Detroit	Brushes	15	8	23	....	1904
Nov. 3	Industrial Electric Mfg. Co	Detroit	Tools and dies	4	....	4	....	1913
May 10	Industrial Electric Mfg. Co	Detroit	Metal stamping	4	....	4	....	1913
Sept. 13	Industrial Furnace Co	Detroit	Furnaces	21	1	22	....	1913
June 7	Industrial Printing Co., The	Detroit	Job printing	2	....	2	....	1910
Nov. 24	Inglis, Wm. Wire & Iron Works	Detroit	Ornamental wire	40	1	41	....	1890
Sept. 9	Ingram Frederick F. & Co	Detroit	Toilet specia ties	18	32	50	....	1883
Oct. 14	Ingram & Sarle	Detroit	Painting	5	....	5	....	1913
Dec. 11	Inland Delray Salt Co	Detroit	Salt	38	6	44	....	1913
Oct. 30	International Tool Co., The	Detroit	Tools	9	1	10	....	1910
Nov. 4	Interstate Mfg. Co., The	Detroit	Auto specialties	6	6	12	....	1911
Dec. 19	Insulating Materials Co	Detroit	Insulating materials	7	....	7	....	1910
Aug. 22	Ireland & Matthews Mfg. Co., The	Detroit	Sheet metal supplies	614	101	715	45	1890
July 30	Iron-Ox Remedy Co., The	Detroit	Medicines	2	3	5	....	1903
June 21	Irwin, T. J. Candy Co	Detroit	Candy	4	11	15	....	1873
Sept. 16	Island Garage & Sales Co	Detroit	Auto repairing	3	1	4	....	1913
Sept. 29	Italian Tribune of America, The	Detroit	Printed matter	6	1	7	....	1909
Oct. 22	I. X. L. Gas & Electric Garage	Detroit	Auto repairing	3	....	3	....	1913
Sept. 13	Jackson Cushion Spring Co	Detroit	Cushion springs	39	1	40	6	1912
Sept. 26	Jacob Bros	Detroit	Coal and wood	5	1	6	....	1906
Nov. 7	Jacob, E. & Co	Detroit	Millinery	.....	5	5	....	1898
Sept. 27	Jacob, Gustav R	Detroit	Harness	3	....	3	....	1899
Nov. 18	Jacob, Miss L	Detroit	Millinery	.....	4	4	....	1908
Sept. 16	Jacob, M. & Sons	Detroit	Bottles	32	1	33	....	1885
Sept. 10	Jacobs, F. L. Co., Inc	Detroit	Welding	9	....	9	....	1913
July 22	Jacobson, I. M. & Sons	Detroit	Metal	2	....	2	....	1887
Nov. 1	Jacobs Power Plant	Detroit	Power	5	....	5	....	1891
Sept. 22	Jahn, E. J. Co	Detroit	Barber's supplies	5	1	6	....	1905
Sept. 25	Jahn, E. C	Detroit	Baked goods	2	1	3	....	1906
Oct. 8	Japan Shoe Hospital, The	Detroit	Shoe repairing	1	....	1	....	1903
Oct. 27	Japes, Frank Co	Detroit	Interior finish	31	....	31	....	1889
Nov. 21	Japes, H. & Co	Detroit	Interior finish	36	....	36	....	1890
Aug. 6	Jeffery-Dewitt Co	Detroit	Spark plugs, etc	28	19	47	11	1907
May 31	Jefferson Iron Works Co., The	Detroit	Machinery	14	1	15	1	1905
July 15	Jenks & Muir Mfg. Co	Detroit	Bedding	146	43	189	6	1894
July 25	Jennings, Jarvis S	Detroit	Custom clothing	8	2	10	....	1874
Dec. 17	Jennings, Jarvis S	Detroit	Custom clothing	21	2	23	....	1900
Aug. 18	Jennings, Geo. W	Detroit	Wrecking	16	....	16	....	1913
Oct. 24	Jewel Feather Mattress Co	Detroit	Mattresses	3	....	3	....	1904
Oct. 3	Johnson Carriage Co	Detroit	Hardware	7	....	7	....	1897
July 28	Johnson, John & Co	Detroit	Awnings and tents	35	5	40	....	1888
Dec. 12	Johnson, Larsen & Co	Detroit	Heating	49	2	51	....	1906
April 29	Johnson, Larsen & Co	Detroit	Plumbing	6	2	8	....	1906
May 29	Johnson, W. D	Detroit	Harness	4	....	4	....	1892
Aug. 19	Johnston, F. G	Detroit	Boat fittings	3	....	3	....	1893
Aug. 19	Johnston Optical Co	Detroit	Optical goods	42	11	53	8	1876
Oct. 10	Jones Home Bakery	Detroit	Baked goods	3	1	4	....	1908
Oct. 6	Jones, John F	Detroit	Photographs	3	....	3	....	1902
Dec. 18	Jones, John F	Detroit	Plumbing	34	....	34	....	1893
June 20	Jones, T. A	Detroit	Cigars	4	2	6	....	1890

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Sept. 10	Jordon, W. F.	Detroit	Custom clothing	4	2	6	....	1910
Nov. 26	Joynt, R. & Sons	Detroit	Wagons	14	....	14	....	1879
Oct. 1	Josefiak, I. E.	Detroit	Coal and coke	20	1	21	....	1899
Oct. 16	Jubelt's Bakery	Detroit	Baked goods	4	....	4	....	1903
Oct. 27	Jungwirth, J. & Co	Detroit	Carvings	21	....	21	....	1890
Nov. 12	Junker, J. G.	Detroit	Trucks and wagons	3	....	3	....	1890
Nov. 26	Jusek, Albert C.	Detroit	Custom clothing	3	1	4	....	1893
Dec. 19	Kacin, Mrs. Rose	Detroit	Baked goods	6	1	7	....	1898
Sept. 15	Kade, August	Detroit	Harness	4	....	4	....	1893
July 14	Kahl, Frederick Iron Foundry	Detroit	Castings	67	....	67	....	1886
May 12	Kainhuber, J.	Detroit	Forgings	2	....	2	....	1901
Nov. 29	Kaiser Laundry	Detroit	Laundry	8	18	26	....	1913
Oct. 8	Kalbfleisch, A. C. & Co	Detroit	Sash, doors, etc	9	....	9	....	1912
Sept. 9	Kales-Haskell Co., The	Detroit	Metal stamping	67	3	70	5	1904
Oct. 20	Kammerer Reed & Willow Works	Detroit	Baby carriages	5	....	5	....	1895
Oct. 24	Kantzler, W. P.	Detroit	Plumbing	13	1	14	....	1909
Aug. 7	Karl, Anton	Detroit	Baked goods	2	2	4	....	1907
Oct. 22	Karle, Alois	Detroit	Meats	4	....	4	....	1885
Sept. 24	Karle, D. Co	Detroit	Plumbing	27	1	28	3	1904
July 31	Kaufmans, B. Co	Detroit	Cleaning and dyeing	7	22	29	....	1901
July 29	Kayser, C. G. & Co	Detroit	Plumbing	11	....	11	....	1889
Oct. 31	Keenan & Jahn, Ltd	Detroit	Furniture	32	6	38	....	1869
Aug. 15	Keenan, J. W.	Detroit	Laundry supplies	4	....	4	....	1913
Sept. 24	Keeney, J. H.	Detroit	Feed	3	1	4	....	1911
Dec. 4	Keeton Motor Co	Detroit	Automobiles	66	6	72	....	1913
Aug. 15	Kelley, Charles	Detroit	Flowers	2	....	2	....	1898
Aug. 13	Keller, Robert Ink Co., The	Detroit	Inks	8	9	17	....	1886
Oct. 9	Kelley Garage	Detroit	Auto repairing	5	....	5	....	1913
Oct. 31	Kelly, J.	Detroit	Blacksmithing	2	....	2	....	.....
Oct. 31	Kelly-Springfield Tire Co	Detroit	Auto tires	7	....	7	....	1911
Oct. 21	Kelsey Wheel Co	Detroit	Wheels, etc	985	10	995	16	1909
Oct. 9	Keneally, John	Detroit	Plumbing	4	....	4	....	1906
Sept. 17	Kengel, John A.	Detroit	Hardware	5	....	5	....	1894
Aug. 14	Kennary, James J.	Detroit	Tin and sheet iron	2	....	2	....	1903
Dec. 18	Kennedy & Greig Co., The	Detroit	Machinery	5	....	5	....	1865
May 22	Kennedy, John H.	Detroit	Plumbing	29	....	29	....	1883
Dec. 18	Kennedy Machine Co	Detroit	Auto parts	4	1	5	....	1910
Dec. 31	Kennedy, Madame	Detroit	Ladies' garments	.....	26	26	....	1902
Oct. 8	Kenney Bros	Detroit	Plumbing	5	1	6	....	1908
Sept. 22	Kercheval Garage	Detroit	Auto repairing	2	....	2	....	1913
Sept. 22	Kercheval Shoeing Forge	Detroit	Blacksmithing	3	....	3	....	1913
Oct. 25	Kermath Mfg. Co	Detroit	Auto parts	63	2	65	....	1909
July 19	Kern, Rudolph M.	Detroit	Jewelry	2	....	2	....	1906
Sept. 20	Kerr, Bryce J.	Detroit	Plumbing	4	....	4	....	1907
June 4	Kerr Machinery & Supply Co	Detroit	Pumps	4	....	4	....	1909
July 25	Kerr, Thomas A.	Detroit	Custom clothing	4	....	4	....	1906
Nov. 3	Kerwin Millinery	Detroit	Millinery	2	7	9	....	1913
Sept. 30	Kessler & Co	Detroit	Shoes	4	....	4	1	1913
May 14	Keystone Type Foundry	Detroit	Printers' supplies	5	2	7	....	1906
Oct. 22	Kimche, F.	Detroit	Plumbing	6	1	7	....	1892
Aug. 12	King Motor Car Co	Detroit	Automobiles	112	2	114	....	1913
Sept. 23	King, T. H.	Detroit	Custom clothing	3	....	3	....	1912
Sept. 2	Kinnell & Miller	Detroit	Concrete blocks	6	....	6	....	1903
Dec. 3	Kirschbaum, P.	Detroit	Custom clothing	8	2	10	....	1905
Oct. 7	Kirchler, Ernest	Detroit	Knit goods	5	29	34	2	1909
Oct. 25	Kitchen, S. T.	Detroit	Coal and coke	5	....	5	....	1892
May 21	Kittle, H. M. & Co	Detroit	Trunks	9	....	9	....	1883
Nov. 28	Klausen, G. H. W.	Detroit	Blacksmithing	3	....	3	....	1905
Oct. 1	Klein Bros	Detroit	Custom clothing	3	1	4	....	1910
Dec. 26	Klein Bros. Wire & Iron Works	Detroit	Wire and iron	6	....	6	....	1913

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Nov. 3	Klein, Chas. Co	Detroit	Electric supplies	32	1	33	....	1907
Oct. 22	Klein, Max & Co	Detroit	Plumbing	13	1	14	....	1903
Dec. 5	Klein, Max & Co	Detroit	Plumbing	10	....	10	....	1903
Dec. 24	Kleitsch, M	Detroit	Baked goods	2	2	4	....	1909
Oct. 22	Kliesner, Klenner Ens Co	Detroit	Trunks	10	1	11	....	1912
May 27	Kliesner, Klenner Ens Co	Detroit	Trunks	7	....	7	....	1912
Aug. 8	Kling, Ph. Brewing Co	Detroit	Beer	120	1	121	....	1856
Sept. 22	Kloetzel, G. A. Storage & Cartage Co	Detroit	Storage	17	....	17	....	1891
Oct. 9	Klute, Frank	Detroit	Custom clothing	2	1	3	....	1905
Nov. 24	Knab-Karr	Detroit	Millinery	1	9	10	....	1887
Oct. 7	Knack, Julius Coal Co	Detroit	Coal and coke	15	1	16	....	1883
Aug. 19	Knapp, A. C. Co	Detroit	Painting and trimming	24	2	26	....	1910
Aug. 19	Knapp, A. C. Co	Detroit	Painting and trimming	59	6	65	1	1912
Aug. 11	Kneiding's Bakery	Detroit	Baked goods	2	....	2	1	1909
Sept. 6	Knell & Adams	Detroit	Painting and trimming	160	15	175	....	1908
Aug. 16	Knoch, Gus	Detroit	Flowers	2	....	2	....	1890
Nov. 14	Knappow & Glanz Printing Co	Detroit	Job printing	6	....	6	....	1908
Aug. 21	Knorpp, Carl M	Detroit	Baked goods	3	....	3	....	1910
Oct. 8	Knott & Garllus	Detroit	Machinery	8	....	8	....	1906
Nov 12	Koehler, H. F. & Bros	Detroit	Wall paper	24	....	24	....	1860
Oct. 10	Koelzer, Miss M. E	Detroit	Millinery	.....	3	3	....	1911
Oct. 21	Koendgen, Marie	Detroit	Millinery	.....	4	4	....	1905
Oct. 7	Kolbe, Robert	Detroit	Baked goods	2	1	3	....	1911
Nov. 13	Kopatz, Alen	Detroit	Plumbing	16	1	17	....	1910
Nov. 18	Koppitz-Melchers Brewing Co.The,	Detroit	Beer	72	2	74	....	1890
Sept. 19	Kotcher, Chas. W	Detroit	Sash, doors, etc	152	2	154	....	1897
Sept. 15	Kotcher, Chas. W	Detroit	Lumber	15	....	15	....	1911
Nov. 24	Koslow, A	Detroit	Custom clothing	6	1	7	....	1909
Oct. 14	Kraetke Bros	Detroit	Tools	20	....	20	....	1910
Oct. 2	Kraft, Henry	Detroit	Meats	3	....	3	....	1869
Nov. 12	Kraft, Paul J	Detroit	Auto repairing	3	....	3	....	1912
April 28	Kramer Printing Co	Detroit	Job printing	3	....	3	....	1906
Dec. 4	Kratz & Kratz	Detroit	Auto repairing	4	....	4	....	1912
Oct. 21	Kraus, Mrs. H	Detroit	Millinery	.....	3	3	....	1912
Nov. 21	Krell Barrel Co	Detroit	Barrels	7	1	8	....	1912
Dec. 16	Krell Bros	Detroit	Barrels	8	1	9	....	1900
Aug. 21	Krentler Bros	Detroit	Shoe lasts	38	2	40	....	1883
Sept. 27	Kress, J. H. & Co	Detroit	Auto bodies	12	....	12	....	1911
Sept. 26	Krieghoff, Wm. L. & Sons Co	Detroit	Concrete	5	1	6	....	1906
Oct. 9	Krit Motor Car Co	Detroit	Automobiles	136	11	147	....	1906
Nov. 15	Krohn, H. R	Detroit	Millinery	.....	5	5	....	1908
Oct. 13	Kruce Cracker Co	Detroit	Crackers	15	15	30	....	1901
Aug. 8	Kruce, E. J. & Co	Detroit	Tools	2	28	30	....	1908
Aug. 20	Krug Bros	Detroit	Plumbing	9	1	10	....	1909
Oct. 3	Krupitzer, R	Detroit	Tailoring	2	1	3	....	1911
Dec. 20	Kryda, Jos	Detroit	Custom clothing	5	....	5	....	1890
Oct. 2	Kuehl-Butcher Lumber Co., The	Detroit	Box shooks, etc	30	2	32	....	1911
May 22	Kuhlman, A. & Co	Detroit	Surgical instruments	3	....	3	....	1867
Oct. 23	Kujath, Herman	Detroit	Plumbing	7	1	8	....	1909
Nov. 12	Kunter, Fred	Detroit	Decorating	8	1	9	....	1905
May 23	Kurtz Paper Box Co., The	Detroit	Paper boxes	19	36	55	4	1892
Oct. 21	Kuschewski, John & Son	Detroit	Coal, coke, etc	5	....	5	....	1907
Sept. 24	Kuttnauer, Sam & Bro	Detroit	Clothing	7	67	74	....	1906
Oct. 10	Kuyehala, Jacob	Detroit	Baked goods	3	1	4	....	1905
Oct. 10	K. & J. Auto Tire Repair Co	Detroit	Auto tires	5	....	5	....	1901
May 10	Labadie Ice Co	Detroit	Ice	16	....	16	....	1897
Aug. 11	LaBlanc, George A	Detroit	Coal, coke, etc	8	....	8	....	1910
Aug. 8	Lafayette Auto Garage	Detroit	Auto repairing	5	....	5	....	1912
Oct. 21	Lage, John A	Detroit	Custom clothing	3	2	5	....	1910
Dec. 31	Lagora-Fee Co	Detroit	Cigars	12	66	78	....	1898

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
May 8	Lagora-Fee Co	Detroit	Cigars	3	76	79	....	1911
Oct. 27	Lahey, Madam	Detroit	Millinery	.....	3	3	....	1908
Aug. 9	Laidman, Geo. B	Detroit	Coal and coke	7	1	8	....	1910
Oct. 11	Laitner, A. & Sons	Detroit	Brushes	19	11	30	1	1885
Oct. 1	Lake Shore & Michigan Southern Ry. Co., The	Detroit	Freight	7	....	7	....	1898
Sept. 17	Lamberg, Aug. G	Detroit	Cigars	8	15	23	....	1883
Oct. 3	Lamberson Millinery	Detroit	Millinery	.....	5	5	....	1912
Oct. 23	Lambert & Lowman	Detroit	Drugs	7	7	14	....	1895
Aug. 23	LaMeasure Bros	Detroit	Laundry	26	74	100	....	1897
Oct. 30	Lamont, Alex	Detroit	Machine repairing	3	1	4	....	1904
Oct. 3	Lane, H. M. Co., The	Detroit	Castings, etc	8	....	8	....	1911
June 12	Langer Printing Co	Detroit	Job printing	7	1	8	....	1903
Dec. 29	Langtry Machine & Tool Co	Detroit	Auto parts	3	....	3	....	1910
Sept. 9	Larkins Brick Co	Detroit	Brick	22	....	22	....	1900
Oct. 30	Larned, Carter & Co	Detroit	Overalls	59	510	569	....	1897
June 2	Lariviere, Joseph H. Printing Co	Detroit	Job printing	11	....	11	....	1907
June 18	Lauer, John Machine Co	Detroit	Auto parts	24	....	24	....	1881
Sept. 6	Laughlin Mfg. Co	Detroit	Fountain pens	1	9	10	....	1912
Nov. 20	Lauhoff, H. & A	Detroit	Flour	9	....	9	....	1894
Nov. 17	Lavigne Mfg. Co	Detroit	Brass goods	308	2	310	....	1905
Sept. 18	LaVoce Del Popolo	Detroit	Printed matter	3	....	3	....	1910
Aug. 18	Lawrence Printing Co	Detroit	Job printing	13	2	15	....	1906
Dec. 22	Leech, Charles W. Lumber Co	Detroit	Lumber	9	....	9	....	1908
Oct. 24	Lee, Ed. F. Glass Co., The	Detroit	Glass and mirrors	27	....	27	....	1888
Oct. 17	Lee, J. E	Detroit	Plumbing	4	....	4	....	1893
Dec. 20	Leddy, Wm. J	Detroit	Candy	3	5	8	....	1898
Dec. 3	Lehmann, George J	Detroit	Coal	5	1	6	....	1902
Sept. 5	Lehr, C., Lumber Co	Detroit	Lumber, lath, etc	21	....	21	....	1908
Sept. 17	Leith & Young	Detroit	Custom clothing	3	....	3	....	1909
Sept. 15	Lemmer's, Henry Sons	Detroit	Marble and granite	12	....	12	....	1874
Aug. 15	Lemmer's, Henry & Sons	Detroit	Monuments	1	....	1	....	1895
Dec. 19	Lemp, Wm. J. Brewing Co	Detroit	Beer	4	....	4	....	1901
Sept. 5	Lenox, Harry	Detroit	Custom clothing	5	2	7	....	1905
Nov. 17	Lens, L	Detroit	Millinery	.....	5	5	....	1905
Oct. 28	Leonard, E. H	Detroit	Plumbing	6	1	7	....	1908
Oct. 16	Leonard, H. R. Furniture Co	Detroit	Furniture	11	1	12	....	1873
Oct. 17	Leonard's Reliable Storage Co	Detroit	Storage	61	5	66	....	1886
Dec. 31	Leonard's Reliable Storage Co	Detroit	Storage	11	2	13	....	1890
Oct. 29	Leonard's Reliable Storage Co	Detroit	Storage	18	4	22	....	1890
May 1	Leverens, F. H	Detroit	Interior finish	31	....	31	....	1878
Sept. 3	Leverens, F. H. & Co	Detroit	Builders' supplies	10	....	10	....	1913
Nov. 1	Levi, Mrs. Bertha	Detroit	Millinery	.....	4	4	....	1902
Sept. 2	Lewis, Henry B	Detroit	Structural iron	270	3	273	1	1892
June 20	Lewis Spring & Axle Co., The	Detroit	Springs and axles	29	....	29	....	1912
May 2	Lewis Truck & Storage Co	Detroit	Storage	13	1	14	....	1875
Aug. 2	L'Herault, Charles	Detroit	Plumbing	4	....	4	....	1904
Aug. 2	Licht, Anthony C	Detroit	Custom clothing	5	....	5	....	1905
Dec. 22	Licht, Henry C	Detroit	Custom clothing	7	2	9	....	1889
Nov. 12	Lichtenberg & Son	Detroit	Feed	17	1	18	....	1865
Aug. 20	Liebig, Wm. & Co	Detroit	Machinery	25	2	27	....	1903
July 25	Liggett & Gagnier	Detroit	Job printing	20	5	25	....	1901
Nov. 26	Lillibridge, F. M. Co	Detroit	Lumber	6	....	6	....	1905
Aug. 1	Lilies Cigar Co	Detroit	Cigars	26	614	640	12	1872
June 24	Lilies Cigar Co	Detroit	Cigars	10	350	360	29	1912
Oct. 6	Linde Air Products Co., The	Detroit	Gas	35	....	35	....	1907

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Aug. 27	Lindemann, Louis W	Detroit	Slag	7	....	7	....	190[illegible]
Oct. 8	Lindemann & Sons	Detroit	Trucks and wagons	19	....	19	....	1869
Nov. 10	Lindow Co., The	Detroit	Furniture	8	....	8	....	1905
Aug. 27	Linsell Co	Detroit	Furniture	161	....	161	....	1878
May 7	Lisk, George A	Detroit	Engines	3	....	3	....	1903
Aug. 12	Little, C. H. Co., The	Detroit	Paving supplies	27	....	27	....	1856
Sept. 17	Little, C. H. Co., The	Detroit	Builders' supplies	17	....	17	....	1901
Sept. 4	Little, C. H. Co., The	Detroit	Builders' supplies	15	....	15	....	1906
July 31	Little, C. H. Co., The	Detroit	Builders' supplies	20	....	20	....	1909
Sept. 5	Little, C. H. Co., The	Detroit	Builders' supplies	23	....	23	....	1911
Dec. 11	Lloyd Construction Co	Detroit	Constructing	28	2	30	....	1902
Oct. 7	Locke, Clute & Co	Detroit	Photographs	3	1	4	....	1903
Sept. 27	Lodewyck Hydro-Motor Co	Detroit	Washing machines	8	....	8	....	1906
Nov. 21	Loewenstein, L	Detroit	Meats	7	....	7	....	1893
Dec. 31	Londy, L. & Co	Detroit	Ladies' garments	10	2	12	....	1906
Aug. 5	Longfield, John G	Detroit	Book binding	2	2	4	....	1910
Aug. 6	Long Mfg. Co	Detroit	Radiators	107	5	112	....	1909
Sept. 9	Lonyo-Harsha Brick Co	Detroit	Brick	24	....	24	....	1883
Nov. 17	Lorf, G., Jr	Detroit	Coal	6	1	7	....	1902
Oct. 20	Loree, Madame	Detroit	Millinery	.....	8	8	....	1900
July 23	Looman, William J	Detroit	Sheet metal	22	....	22	....	1912
Oct. 23	Lootens, S	Detroit	Cleaning, etc	5	1	6	1	1880
Aug. 8	Lowrie, F. L. Lumber & Finish Co	Detroit	Lumber, etc	13	....	13	....	1913
Dec. 12	Lowrie & Robinson Lumber Co	Detroit	Lumber	133	1	134	....	1898
Aug. 19	Losier Motor Co	Detroit	Automobiles	442	30	472	1	.....
Oct. 15	Ludwig, Christian	Detroit	Furniture	6	....	6	....	1903
Dec. 4	Ludwig, William & Son	Detroit	Wagons, etc	5	....	5	....	1897
Sept. 18	Luttermoser, A	Detroit	Custom clothing	1	1	2	....	1891
Dec. 19	Luttermoser, Edward, Jr	Detroit	Custom clothing	3	1	4	....	1910
Oct. 3	Luts, William	Detroit	Lumber	14	....	14	....	1911
Sept. 27	Lynch Bros	Detroit	Dyeing and cleaning	3	1	4	....	1909
Sept. 22	Lysy, Abel	Detroit	Tinning	5	....	5	....	1913
Oct. 30	MacLachlan, Mrs. G	Detroit	Millinery	.....	4	4	....	1910
June 4	MacLaren Imperial Cheese Co	Detroit	Dairy products	16	47	63	....	1889
Sept. 9	McArthur, Chas	Detroit	Blacksmithing	3	....	3	....	1910
Oct. 28	McBride, Earl & Pollard	Detroit	Soft drinks	16	....	16	....	1903
Sept. 24	McCann, Mrs. Hattie	Detroit	Millinery	.....	3	3	....	1901
Oct. 31	McCarthy & Clemence	Detroit	Blacksmithing	3	....	3	....	1909
Nov. 4	McCarthy, James	Detroit	Blacksmithing	4	....	4	....	1893
June 3	McCausland, W. H. & Son	Detroit	Builders' supplies	12	....	12	....	1868
Aug. 26	McCord Mfg. Co	Detroit	Radiators	547	10	557	5	1897
Nov. 10	McCormick Wrecking Co	Detroit	Wrecking	3	1	4	....	1910
Dec. 19	McCutcheon, R. W	Detroit	Hardware	6	....	6	....	1889
Oct. 10	McClure, George L	Detroit	Lumber	12	2	14	....	1911
Nov. 14	McDonald Coal & Brick Co	Detroit	Coal and coke	21	4	25	....	1908
Aug. 22	McDonald Coal & Brick Co	Detroit	Coal and brick	17	1	18	....	1900
Nov. 25	McDonough Automatic Regulator Co	Detroit	Regulators	7	2	9	....	1912
Oct. 4	McEuen, Peter F	Detroit	Plumbing	8	1	9	....	1902
May 16	McEwen, Needham & Weldon	Detroit	Linotype	9	1	10	....	1903
Aug. 14	McFadden, M	Detroit	Trucking, storage, etc	34	....	34	....	1895
Sept. 17	McGill & Wind	Detroit	Custom clothing	4	....	4	....	1906
Dec. 4	McGinnen, F. T	Detroit	Tinning	3	....	3	....	1914
Aug. 18	McGraw Plaster Co., The	Detroit	Builders' supplies	64	....	64	....	1911
Dec. 4	McGregor Institute	Detroit	Laundry	19	....	19	....	1890
Oct. 23	McHie-Scotten Tobacco Co	Detroit	Tobacco	33	38	71	1	1911
Oct. 8	McHugh, Joseph A	Detroit	Plumbing	12	....	12	....	1904
April 28	McKam Swage Works	Detroit	Swage	3	....	3	....	1912
Dec. 11	McKee, A. E	Detroit	Custom clothing	2	....	2	....	1911
Oct. 8	McKenzie, K. & Co	Detroit	Custom clothing	3	....	3	....	1899
Sept. 8	McLain-Harrison Co	Detroit	Painting and trimming	53	5	58	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Dec. 18	McLean, Darius	Detroit	Perfumes	1	7	8	....	1906
July 31	McMillan, J. S. Printing Co	Detroit	Job printing	5	2	7	....	1910
May 9	McNair, J. W. Electric Co	Detroit	Electrical supplies	3	3	6	....	1911
Oct. 10	McNamara, Michael Varnish Works	Detroit	Varnishes	12	6	18	....	1872
Aug. 26	McRae Brass Mfg. Co., The	Detroit	Castings	14	1	15	1	1912
Aug. 5	McRae & Roberts Brass Co., The	Detroit	Brass goods	346	27	373	60	1887
May 7	Machinery Sales Co., The	Detroit	Repairing	9	....	9	....	1901
Sept. 23	Mack Avenue Garage	Detroit	Auto repairing	5	1	6	....	1912
Sept. 24	Mack Avenue Hardware Co	Detroit	Hardware	3	....	3	....	1910
Sept. 23	Mack Garment Cleaning Co	Detroit	Clothes cleaning	3	1	4	....	1912
Dec. 3	Mackie, George	Detroit	Baked goods	2	1	3	....	1913
May 29	Mack, John A. Co	Detroit	Book binding	4	3	7	1	1911
Aug. 22	Mack, Joseph Printing House	Detroit	Job printing	170	49	219	6	1902
Nov. 3	Mack's Bakery	Detroit	Baked goods	3	....	3	....	1904
Dec. 11	Magnetic Mineral Springs Water Co	Detroit	Water	2	1	3	....	1913
June 25	Mail-om-eter Co	Detroit	Mailing machines	71	1	72	....	1906
May 21	Majestic Cap Mfg. Co	Detroit	Caps	32	11	43	....	1908
Oct. 18	Malcho, John	Detroit	Harness	6	....	6	....	1891
July 16	Malcomson-Houghton Co	Detroit	Plaster	40	....	40	....	1880
Oct. 3	Malcomson-Houghton Co	Detroit	Coal and coke	20	....	20	....	1900
Aug. 26	Malcomson-Houghton Co	Detroit	Coal	28	....	28	....	1903
Aug. 13	Malcomson-Houghton Co	Detroit	Coal and coke	32	....	32	....	1903
Sept. 26	Malcomson-Houghton Co	Detroit	Builders' supplies	17	....	17	....	1907
Sept. 2	Malcomson-Houghton Co	Detroit	Coal, coke, etc	9	....	9	....	1910
Aug. 13	Malcomson-Houghton Co	Detroit	Wagons	12	....	12	....	1912
Sept. 24	Malcomson-Houghton Co	Detroit	Builders' supplies	21	....	21	....	1913
May 5	Malcomson-Houghton Co	Detroit	Builders' supplies	38	....	38	....	1913
Dec. 10	Malena Co	Detroit	Toilet articles	5	13	18	....	1893
Oct. 8	Malfitano, F	Detroit	Cigars	4	1	5	....	1911
Nov. 3	Malo, Madam	Detroit	Millinery	.....	4	4	....	1903
Sept. 9	Mannaussau, S. O. Printing Co	Detroit	Job printing	6	1	7	....	1908
Dec. 4	Manning Bros	Detroit	Photographic supplies	7	....	7	1	1906
Aug. 21	Manson, Campbell Co	Detroit	Fireless cookers, etc	73	10	83	5	1907
Aug. 22	Manselman, Chas	Detroit	Brooms	39	1	40	1	1881
Sept. 29	Maple Press Printing Co	Detroit	Job printing	5	....	5	....	1802
May 17	Marantette & Co	Detroit	Custom clothing	16	3	19	....	1901
May 28	Marentette, Jas. E	Detroit	Building supplies	20	....	20	....	1880
Nov. 4	Marcil, Joseph L	Detroit	Musical instruments	3	....	3	....	1913
Aug. 28	Markham, S. H	Detroit	Blacksmithing	2	....	2	....	1911
Nov. 5	Marks, Hiram Electric Co	Detroit	Electrical supplies	18	....	18	....	1894
April 29	Marks, Hiram Electric Co	Detroit	Electric goods	12	1	13	1	1905
May 8	Marriott, F	Detroit	Sheet metal	4	....	4	....	1880
Sept. 29	Marschall, B	Detroit	Meats	5	....	5	....	1889
Nov. 6	Marshall, A. J	Detroit	Hotel supplies	12	1	13	....	1896
Sept. 4	Marshall & Renchard	Detroit	Custom clothing	6	6	12	....	1897
Aug. 15	Martenson, Emil F. & Co	Detroit	Monuments	4	....	4	....	1906
Sept. 26	Martin & Halstead Company	Detroit	Artificial limbs	4	1	5	....	1909
Oct. 15	Martinek, J	Detroit	Ladies' dresses	1	11	12	....	1905
Sept. 26	Martines & Strobble	Detroit	Clothes repairing	3	....	3	....	1913
Dec. 19	Martyn, John	Detroit	Plumbing	4	....	4	....	1899
Nov. 26	Marx Machine Tool Co	Detroit	Machine tools	3	....	3	....	1913
Nov. 21	Mason's Decoy Factory	Detroit	Wood decoys	19	....	19	2	1892
Sept. 25	Mason Laundry Co	Detroit	Laundry	3	9	12	....	1909
July 10	Massachussetts Laundry Co	Detroit	Laundry	40	144	184	....	1908
July 11	Massachussetts & Michigan Dry Cleaning Co	Detroit	Dry cleaning	6	2	8	....	1913

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Dec. 2	Masse Industrial Co., The	Detroit	Disinfectants	3	....	3	....	1912
Aug. 22	Massnick-Phipps Mfg. Co	Detroit	Auto parts	162	1	163	....	1909
Oct. 30	Master Press Advertising Co	Detroit	Job printing	8	4	12	....	1911
Oct. 10	Matgen Bros	Detroit	Custom clothing	4	1	5	....	1895
Oct. 4	Mathes Bros	Detroit	Carriages, trunks, etc	10	....	10	....	1885
Aug. 21	Matthews Printing Co	Detroit	Job printing	6	1	7	....	1907
Oct. 16	Mau, Theodore C	Detroit	Furs	10	7	17	2	1898
Sept. 3	Maul Co., Inc., The	Detroit	Cement products	29	....	29	....	1909
Oct. 2	Maurer, Wm	Detroit	Millinery	1	3	4	....	1902
Sept. 3	Maurice, Max	Detroit	Custom clothing	2	....	2	....	1911
Aug. 7	Maxi Motor Co	Detroit	Motors	12	1	13	2	1901
Oct. 24	Maxwell Motor Co	Detroit	Automobiles	234	12	246	1	1906
Aug. 29	Maxwell Motor Car Co., Inc	Detroit	Automobiles	329	10	339	3	1909
July 31	May, Chas. F. Co., The	Detroit	Job printing	12	6	18	....	1906
May 17	Mayer, John H	Detroit	Sheet metal	3	....	3	....	1904
June 26	Mayhew, J. T	Detroit	Building supplies	24	....	24	....	1880
Dec. 4	May's Millinery Co	Detroit	Millinery	1	10	11	....	1891
Sept. 25	Maxer Cigar Mfg. Co	Detroit	Cigars	6	117	123	6	1901
Dec. 30	Mead & Co	Detroit	Machinery	11	....	11	....	1877
Dec. 26	Mechanics Laundry	Detroit	Laundry	9	13	22	....	1910
Dec. 30	Mehling, George R	Detroit	Tile	12	....	12	....	1898
Sept. 22	Meek, R. F	Detroit	Ice and coal	16	1	17	....	1898
Aug. 20	Meier, Herbert A	Detroit	Stone	6	....	6	1	1896
Aug. 8	Mellville Bros	Detroit	Iron	9	1	10	....	1907
Dec. 5	Melvic Enameling Co., The	Detroit	Enameling	27	....	27	....	1909
May 7	Melvin Sign & Advertising Service	Detroit	Printing	31	3	34	....	1894
July 23	Menzies Shoe Co	Detroit	Shoes	140	96	236	45	1898
Sept. 13	Merbach, Wm. G	Detroit	Plumbing	2	1	3	....	1910
Dec. 10	Merchants Art Co	Detroit	Frames	3	2	5	....	1892
June 23	Merchants Art Co	Detroit	Picture frames	2	1	3	....	1909
Oct. 15	Merchants Parcel Delivery Co	Detroit	Storage	16	....	16	....	1891
Sept. 19	Mercier, J. A	Detroit	Paving supplies	16	....	16	....	1902
Sept. 11	Mercier, Theo	Detroit	Doors, window frames	16	....	16	....	1909
Dec. 12	Mercury Cyclecar Co	Detroit	Cyclecars	5	1	6	....	1913
July 18	Merz Capsule Co	Detroit	Capsules	28	27	55	1	1886
July 30	Metal Products Co	Detroit	Auto axles	492	4	497	1	1909
Sept. 25	Metlaff, F. B	Detroit	Baked goods	5	....	5	1	1905
July 18	Metropolitan Mfg. Co	Detroit	Auto specialties	10	1	11	....	1912
Oct. 16	Mette, Richard H	Detroit	Meats	4	....	4	....	1901
Nov. 4	Metzger, William E. Co	Detroit	Motorcycle repairing	4	1	5	....	1912
Nov. 3	Mexican Crude Rubber Co	Detroit	Rubber	14	....	14	....	1913
Dec. 2	Meyer, Harry	Detroit	Custom clothing	3	1	4	....	1909
Oct. 10	Meyer, John F., Jr	Detroit	Cigars	7	1	8	....	1911
Aug. 27	Michigan Ammonia Works	Detroit	Ammonia	38	3	41	....	1886
May 5	Michigan Art Press	Detroit	Job printing	4	....	4	....	1913
Oct. 15	Michigan Auto Garage Co	Detroit	Auto repairing	2	....	2	....	1912
July 16	Michigan Auto Trimming Co	Detroit	Auto tops, etc	8	....	8	....	1913
Oct. 30	Michigan Barrel & Bag Co	Detroit	Junk	6	....	6	....	1890
July 28	Michigan Bedding Co	Detroit	Mattresses	18	4	22	....	1908
Aug. 18	Michigan Beef Co	Detroit	Meats	27	1	28	....	1909
Dec. 1	Michigan Block & Stone Co	Detroit	Cement blocks	5	....	5	....	1910
Aug. 28	Michigan Bolt & Nut Works	Detroit	Bolts	193	4	197	....	1870
Oct. 20	Michigan Bottling Works	Detroit	Soft drinks	5	....	5	....	1886
Aug. 14	Michigan Bow Socket Co	Detroit	Bow sockets	33	....	33	....	1911
Aug. 7	Michigan Brass & Foundry Co	Detroit	Brass goods	87	2	89	18	1911
Oct. 17	Michigan Brewing Co	Detroit	Beer	21	....	21	....	1912
July 28	Michigan Builders' Supply Co	Detroit	Builders' supplies	32	2	34	....	1900
May 23	Michigan Cap Co	Detroit	Caps	16	4	20	1	1901
July 21	Michigan Casket Co	Detroit	Caskets	16	1	17	....	1887
July 16	Michigan Central Railroad Co	Detroit	Grain	2	....	2	....	1864

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
July 16	Michigan Central Railroad Co.	Detroit	Car repairing	82	....	82	....	1865
July 16	Michigan Central Railroad Co.	Detroit	Grain	10	....	10	....	1880
Aug. 19	Michigan Central Railroad Co.	Detroit	Freight	41	....	41	....	1883
Dec. 16	Michigan Central Railroad Co.	Detroit	Freight	6	....	6	....	1899
Sept. 27	Michigan Central Railroad Co.	Detroit	Freight	10	1	11	....	.....
Oct. 1	Michigan Central Railroad Co.	Detroit	Freight	38	2	40	....	1901
July 16	Michigan Central Railroad Co.	Detroit	Electricity	8	....	8	....	1911
June 5	Michigan Cigar Box Co.	Detroit	Cigar boxes	25	25	50	5	1869
Oct. 9	Michigan Cloak & Suit Co.	Detroit	Cloaks and suits	1	9	10	....	1010
Aug. 22	Michigan Copper & Brass Co., The	Detroit	Copper, etc.	401	5	406	....	1906
June 27	Michigan Cornice & Slate Works	Detroit	Cornice	17	....	17	....	1905
Nov. 4	Michigan Drug Co.	Detroit	Drugs	131	45	176	44	1891
Aug. 1	Michigan Electric Welding Co.	Detroit	Auto parts	63	2	65	....	1910
June 27	Michigan Electro-Plating Co., The	Detroit	Plating	4	....	4	....	1904
May 20	Michigan Electrotype & Stereotype Foundry	Detroit	Electrotyping	17	....	17	1	1870
Oct. 21	Michigan Engine Valve Co.	Detroit	Engine valves	36	....	36	....	1910
Sept. 17	Michigan Farmers' Elevator	Detroit	Beans	5	101	106	....	1909
May 16	Michigan Farmer, The	Detroit	Printed matter	19	4	23	....	1903
Aug. 1	Michigan Forge & Iron Works	Detroit	Castings	9	....	9	....	1912
Sept. 25	Michigan Foundry & Supply Co.	Detroit	Plumbers' supplies	12	....	12	....	1913
Dec. 10	Michigan Glass Painting Co.	Detroit	Painting, etc.	3	6	9	....	1893
Sept. 26	Michigan Grey Iron Castings Co.	Detroit	Castings	64	....	64	....	1907
June 18	Michigan Leather Packing Co.	Detroit	Leather	5	....	5	....	1911
Sept. 16	Michigan Lubricator Co.	Detroit	Lubricators	309	11	320	6	1884
Dec. 22	Michigan Lumber Yard	Detroit	Lumber	9	....	9	....	1905
Oct. 30	Michigan Machine Co.	Detroit	Auto parts	48	1	49	....	1907
Dec. 23	Michigan Magneto Co.	Detroit	Auto parts	43	8	51	....	1908
Sept. 25	Michigan Malleable Iron Co.	Detroit	Castings	856	100	956	8	1899
July 15	Michigan Metal Spinning Mfg. Co.	Detroit	Sheet metal	12	....	12	2	1910
Oct. 10	Michigan Millinery Co.	Detroit	Millinery	5	3	8	....	1913
July 15	Michigan Motor Specialties Co.	Detroit	Auto parts	7	4	11	....	1912
Oct. 8	Michigan Multigraphing Co., The	Detroit	Multigraphing	3	2	5	....	1911
Oct. 10	Michigan Optical Co.	Detroit	Optical goods	50	88	138	27	1895
Sept. 11	Michigan Ornamental Glass Works	Detroit	Mirrors, etc.	29	2	31	....	1894
Aug. 2	Michigan Paper Stock Co.	Detroit	Junk	10	....	10	....	1911
Nov. 24	Michigan Paste & Mfg. Co.	Detroit	Paste	4	....	4	....	1888
Oct. 18	Michigan Pattern Works	Detroit	Wood and metal patterns	15	1	16	....	1903
Oct. 30	Michigan Pouring Block Co.	Detroit	Cement blocks	3	....	3	....	1913
Dec. 4	Michigan Pressed Brick Co.	Detroit	Brick	19	....	19	....	1908
Aug. 7	Michigan Pressed Steel Co.	Detroit	Pressed steel	20	....	20	....	1904
Nov. 12	Michigan Reed & Rattan Co.	Detroit	Baby carriages	3	....	3	....	1902
Oct. 16	Michigan Repair & Taxi Co.	Detroit	Auto repairing	2	....	2	....	1913
Dec. 23	Michigan Safety Furnace Pipe Co.	Detroit	Pipes	38	....	38	....	1890
Sept. 2	Michigan Sprocket Chain Co.	Detroit	Sprocket chains	52	2	54	14	1903
Sept. 8	Michigan Stamping Co.	Detroit	Auto parts	361	4	365	....	1901
June 27	Michigan Steam Laundry	Detroit	Laundry	13	63	76	....	1886
Nov. 24	Michigan Steam Laundry	Detroit	Laundry	21	52	73	2	1887
Oct. 20	Michigan Steel Boat Co.	Detroit	Boats	148	39	187	....	1901
July 11	Michigan Steel Castings Co.	Detroit	Castings	266	17	283	....	1908
Oct. 30	Michigan Stove Co., The	Detroit	Stoves	868	13	881	12	1871
July 30	Michigan Street Car Advertising Co.	Detroit	Advertising	8	2	10	....	1890
Dec. 27	Michigan Tent & Awning Co.	Detroit	Tents, etc.	4	3	7	....	1909
July 22	Michigan Top Co., The	Detroit	Auto tops	14	22	36	....	1906
Nov. 11	Michigan Upholstering Co.	Detroit	Upholstering	33	2	35	....	1891
May 22	Michigan Vulcanizing Co.	Detroit	Tire repairing	8	....	8	....	1909

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Oct. 20	Michigan Waste & Bag Co	Detroit	Waste	5	1	6	....	1908
Oct. 24	Michigan Waste Paper Co	Detroit	Junk	5	....	5	....	1908
Nov. 11	Michigan Wire Cloth Co	Detroit	Wire cloth	113	52	165	10	1864
Aug. 28	Middleditch, Benjamin	Detroit	Machinery	30	2	32	....	1899
Aug. 26	Middleditch, Walter	Detroit	Machine repairing	8	....	8	....	1913
May 6	Midland Machine Co	Detroit	Machinery	13	1	14	....	1911
Aug. 13	Millenbach Bros Co	Detroit	Hides and tallow	24	1	25	....	1873
Oct. 22	Miller, B	Detroit	Millinery	.....	5	5	....	1907
Aug. 1	Miller Car Co	Detroit	Automobiles	10	....	10	....	1911
Sept 16	Miller & Co	Detroit	Barber supplies	4	....	4	....	1903
Dec. 26	Miller, David	Detroit	Baked goods	4	1	5	....	1909
Oct. 10	Miller, Donald Co., The	Detroit	Plumbing	32	....	32	....	1888
Nov. 6	Miller, John Electric Co	Detroit	Electric supplies	18	2	20	....	1909
Dec. 22	Miller Lighting Co	Detroit	Acetylene generators	2	....	2	....	1906
Nov. 15	Miller Light & Fixture Co	Detroit	Electrical supplies	6	....	6	....	1909
Aug. 22	Miller, Seldon Electric Co	Detroit	Electrical supplies	23	3	26	....	1906
Oct. 22	Miller Sisters	Detroit	Millinery	.....	3	3	....	1913
Oct. 7	Miller & Sons	Detroit	Auto repairing	4	....	4	....	1911
Nov. 7	Miller, W. A. C. Co	Detroit	Lumber	37	....	37	....	1909
Oct. 7	Miller, Wm. H. & Co	Detroit	Furs	76	55	131	....	1890
Sept. 22	Miller's Jewelry Shop	Detroit	Jewelry	8	....	8	....	1908
Oct. 15	Mills, L. J	Detroit	Jewelry	2	....	2	....	1908
Nov. 14	Misch, Gustave L	Detroit	Custom clothing	9	6	15	....	1905
Dec. 16	Misner Mfg. Co	Detroit	Toilet specialties	4	2	6	1	1905
April 28	Misner Mfg. Co., The, Ltd	Detroit	Toilet specialties	3	2	5	....	1907
Aug. 4	Mitchell Bros	Detroit	Flour and feed	8	1	9	....	1860
Dec. 10	Mitchell, G. E	Detroit	Custom clothing	9	1	10	....	1899
Nov. 11	Mitchell, R	Detroit	Millinery	.....	3	3	....	1910
Oct. 17	Mitchell Storage & Cartage Co	Detroit	Storage	17	....	17	....	1902
Aug. 11	Mitshkun, M. Co	Detroit	Car repairing	74	2	76	....	1898
Oct. 3	Mt. Elliot Monument Works	Detroit	Monuments	3	....	3	....	1904
May 2	Mobile Top Co., The	Detroit	Auto tops	3	1	4	....	1903
Oct. 6	Model Shoe Repairing Shop, The	Detroit	Shoe repairing	2	....	2	....	1911
Sept. 24	Modern Electric Co	Detroit	Electrical supplies	3	....	3	....	1909
Sept. 11	Modern Laundry Co	Detroit	Laundry	12	53	65	....	1911
July 22	Modern Pattern Shop, The	Detroit	Machinery, etc	27	1	28	1	1905
Nov. 10	Modern Print Shop	Detroit	Printed matter	10	....	10	....	1906
May 17	Mohawk Overall Co	Detroit	Overalls	6	31	37	....	1904
Aug. 15	Moll & Stork	Detroit	Custom clothing	8	3	11	1	1898
Oct. 28	Molony Hat Shop	Detroit	Millinery	.....	3	3	....	1900
April 30	Monarch Foundry Co	Detroit	Castings	67	....	67	1	1907
Nov. 25	Monarch Garment Cleaning Co	Detroit	Dyeing and cleaning	2	....	2	....	1911
Dec. 27	Monarch Laundry	Detroit	Laundry	11	22	33	....	1880
Sept. 24	Monarch Mfg. Co	Detroit	Hardware	11	....	11	....	1910
Oct. 14	Monarch Pattern Works	Detroit	Patterns	23	....	23	....	1912
April 30	Monarch Pattern Works	Detroit	Patterns	17	....	17	....	1912
Sept. 25	Monarch Steel Castings Co	Detroit	Castings	145	1	146	....	1906
Oct. 13	Monroe Paper Stock Co	Detroit	Waste paper	9	6	15	....	1911
Sept. 23	Monroe, Stephen L	Detroit	Baked goods	14	3	17	....	1913
Oct. 17	Montcalm Hand Laundry	Detroit	Laundry	1	4	5	....	1911
Oct. 14	Mooney, George	Detroit	Upholstering	7	....	7	....	1893
Oct. 27	Moon, E. C. & Son Co	Detroit	Dental supplies	4	2	6	....	1904
June 16	Moore Printing Co	Detroit	Job printing	3	....	3	....	1904
Dec. 18	Moorehead Mfg. Co	Detroit	Machinery	16	1	17	....	1905
Nov. 24	Morgan, F. J	Detroit	Plumbing	4	1	5	....	1911
June 2	Morgan, G. Stanley	Detroit	Pipe coverings	24	1	25	....	1908
Nov. 6	Morgan, S. H	Detroit	Plumbing	14	1	15	....	1892
Aug. 15	Morgan & Wright	Detroit	Rubber goods	3,008	87	3,095	5	1883
Dec. 30	Morton Baking Co	Detroit	Baked goods	108	7	115	....	1880
July 29	Morton Salt Co	Detroit	Salt	2	2	4	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
May 29	Morton Stencil Co	Detroit	Stencils	2	....	2	....	1866
Sept. 24	Motor Foundry Co	Detroit	Castings	88	1	89	....	1911
Dec. 5	Motor Tire & Repair Co., The	Detroit	Tire repairing	5	1	6	....	1911
Nov. 5	Motor Truck Body Co., Inc	Detroit	Motor bodies	16	....	16	....	1911
Oct. 13	Mots, Wm. E	Detroit	Junk	1	....	1	....	1911
Aug. 29	Moyer-Shaw Mfg. Co., Inc	Detroit	Metal novelties	11	10	21	....	1912
Nov. 6	Moylan, Lillian F	Detroit	Corsets	.....	4	4	....	1897
June 24	Moynahan & Duchene	Detroit	Iron work	16	1	17	....	1912
Dec. 26	Moynes, James A. & Co	Detroit	Builders' supplies	37	1	38	....	1907
July 24	Muer, Jos	Detroit	Cigars	6	15	21	....	1860
July 24	Muer, Jos	Detroit	Cigars	39	31	70	....	1860
Sept. 3	Muellenhagen, Chas. J	Detroit	Typewriters	3	....	3	....	1905
Aug. 15	Mueller, Charles A. & Sons	Detroit	Machinery	9	....	9	....	1875
Nov. 24	Muncey Cartage Co	Detroit	Cartage	32	....	32	....	1903
Dec. 20	Munroe, Wm. Co	Detroit	Sash, doors, etc	35	....	35	....	1891
Sept. 8	Multi-Color Copying Co	Detroit	Blue print paper	7	5	12	....	1890
July 23	Murchey Machine & Tool Co	Detroit	Machinery	28	1	29	....	1904
Aug. 15	Murphy Chair Co	Detroit	Chairs	455	135	590	24	1872
Dec. 30	Murphy Hat Shop	Detroit	Millinery	.....	6	6	....	1908
Sept. 11	Murphy Iron Works	Detroit	Furnaces	301	10	311	....	1878
Aug. 20	Murphy-Potter Co	Detroit	Brass parts, etc	159	10	169	1	1910
June 11	Murphy Power Co	Detroit	Ice	8	....	8	....	1904
July 31	Murphy Power Co	Detroit	Electricity	69	....	69	....	1905
June 10	Murphy Power Co	Detroit	Auto repairing	33	....	33	....	1911
Aug. 7	Murphy Power Co	Detroit	Coal	4	....	4	....	1912
Sept. 17	Murray, Chas. S	Detroit	Engraving	3	....	3	....	1900
Sept. 15	Murray, James	Detroit	Custom clothing	4	....	4	1	1912
July 25	Murray, J. W. Mfg. Co	Detroit	Auto parts	55	....	55	....	1913
Dec. 4	Murray, Mary Co., The	Detroit	Millinery	.....	5	5	....	1905
July 21	Murray Specialty Mfg. Co	Detroit	Steam specialties	3	1	4	....	1912
Sept. 20	Murray, Edgar A. Co	Detroit	Insecti germicide	3	4	7	....	1901
Aug. 25	Mutual Brewing Co	Detroit	Soft drinks	11	....	11	....	1880
Dec. 11	Mutual Builders' Supply Co	Detroit	Builders' supplies	8	....	8	....	1911
July 18	Mutual Film Corporation	Detroit	Films	16	4	20	....	1912
June 2	Mussy-Lyon Co., The, Ltd	Detroit	Castings	22	1	23	....	1900
Dec. 9	Myers Home Bakery	Detroit	Baked goods	4	1	5	....	1903
July 18	Myll, Wm	Detroit	Lumber	10	....	10	....	1885
Oct. 14	Myrick, E. B. & Co	Detroit	Cigars	4	5	9	....	1897
July 24	M. & M. Cigar Co	Detroit	Cigars	4	5	9	....	1911
July 16	M. & P. Electric Vehicle Co	Detroit	Electric vehicles	12	....	12	....	1912
Dec. 2	Nagel, John C	Detroit	Wagons	10	....	10	....	1882
Aug. 19	Nagle Packing Co	Detroit	Meats	26	....	26	....	1909
Oct. 23	Nairin, Mrs. E	Detroit	Millinery	.....	12	12	....	1908
Nov. 13	National Baking Co	Detroit	Baked goods	7	....	7	....	1913
Oct. 8	National Baking Co	Detroit	Baked goods	10	....	10	....	1913
Dec. 1	National Biscuit Co	Detroit	Baked goods	135	103	238	13	1898
Aug. 8	National Brewing Co	Detroit	Beer	12	....	12	....	1895
Aug. 12	National Can Co	Detroit	Cans, etc	243	229	472	15	1901
May 21	National Candy Co	Detroit	Candy	88	55	143	8	1867
Oct. 28	National Fulton Brass Mfg. Co	Detroit	Castings	80	1	81	....	1890
May 14	National Grocer Co	Detroit	Coffee mills	14	21	35	....	1906
Sept. 11	National Hide & Leather Co	Detroit	Leather	4	....	4	....	1913
Aug. 11	National Iron Works, The	Detroit	Iron	28	....	28	....	1909
July 14	National Lead Co	Detroit	Lead	4	1	5	....	1898
Nov. 4	National Machine Co	Detroit	Washing machines	5	....	5	....	1912
Nov. 25	National Motor Supply Co, The	Detroit	Auto supplies	3	....	3	....	1898
Nov. 21	National Pin Co	Detroit	Pins	29	52	81	10	1874
Sept. 15	National Shoe Repair Shop	Detroit	Shoe repairing	3	....	3	....	1912
July 10	National Soap Co	Detroit	Soap	7	....	7	....	1905
May 31	National Tent & Awning Co	Detroit	Tents and awnings	7	7	14	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Sept. 8	National Twist Drill & Tool Co	Detroit	Twist drills	223	18	241	2	1903
Nov. 4	National Welding Co	Detroit	Auto parts	6	....	6	....	1913
Oct. 28	Naumann, Mrs. M	Detroit	Millinery	.....	4	4	....	1909
Oct. 10	Nehls, Barney	Detroit	Plating	42	1	43	1	1892
Oct. 23	Nelson, Baker & Co	Detroit	Drugs	82	91	173	6	1889
Oct. 1	Neumann Lane Co	Detroit	Auto repairing	41	1	42	....	1906
Sept. 29	Nevins Electric Co	Detroit	Electrical supplies	10	....	10	....	1913
Dec. 16	Newberry Baking Co	Detroit	Baked goods	29	1	30	....	1904
Nov. 14	New Brass Works	Detroit	Brass and aluminum	18	....	18	....	1913
June 28	Neubronner, Albert	Detroit	Wagons	5	....	5	....	1890
Dec. 18	New England Pie Co	Detroit	Pies	44	12	56	....	1896
Oct. 31	Newman Bros	Detroit	Junk	4	....	4	....	1905
Nov. 4	New Method Good Hand Laundry	Detroit	Laundry	5	16	21	....	1908
Nov. 19	Newton Beef Co	Detroit	Meats	81	4	85	....	1901
Nov. 22	New York Bakery	Detroit	Baked goods	6	....	6	....	1913
Oct. 16	New York Bed Spring Mfg Co	Detroit	Bed springs	14	1	15	....	1908
Oct. 24	New York Doll Hospital	Detroit	Dolls	1	3	4	....	1913
Oct 22	New York Millinery & Supply Co	Detroit	Millinery	.....	5	5	....	1896
April 30	New York Supply Exchange	Detroit	Steam specialties	3	....	3	....	1911
Dec. 29	Nicholson, Harry C	Detroit	Coal	8	1	9	....	1910
Oct. 21	Nicolai, Henry A	Detroit	Blacksmithing	5	....	5	....	1905
Oct. 13	Niemiec, John	Detroit	Baked goods	4	....	4	....	1902
July 24	Nimmo, Spaulding & Eddy	Detroit	Electrical supplies	21	2	23	....	1910
Sept. 23	Nisle, Geo	Detroit	Blacksmithing	2	....	2	....	1905
June 16	Noack & Gorenflo	Detroit	Jewelry	14	7	21	....	1873
Dec. 19	Noble Piano Co	Detroit	Pianos	7	....	7	....	1902
Sept. 23	Nolan Hardware Co	Detroit	Builders' supplies	3	....	3	....	1907
Sept. 13	Northern Engineering Works	Detroit	Cranes	277	8	285	....	1899
Nov. 18	Northern Stone & Granite Co	Detroit	Cut stone and granite	12	....	12	....	1910
Dec. 16	Northern Stone & Granite Co	Detroit	Stone	7	....	7	....	1910
Dec. 5	Northway Motor & Mfg. Co	Detroit	Engines	556	22	578	....	1905
Oct. 9	Northwest Cigar Mfg. Co	Detroit	Cigars	33	30	63	....	1903
Sept. 22	Northwest Home Bakery, The	Detroit	Baked goods	3	....	3	....	1913
Oct. 28	Northwestern Malt Roasting Co	Detroit	Malt	5	....	5	....	1905
Oct. 1	North Woodward Garage	Detroit	Auto repairing	3	....	3	....	1910
July 25	Nygard & Gourdeau	Detroit	Wood carving	4	....	4	....	1911
July 15	Oades, Walter H	Detroit	Ship building	28	....	28	....	1870
June 5	Oakland Knitting Co	Detroit	Knit goods	3	7	10	....	1910
Dec. 9	Oakland Motor Car Co	Detroit	Storage	16	....	16	....	1912
Oct. 4	O'Brien, C. A. & A. B	Detroit	Millinery	.....	3	3	....	1907
Aug. 26	O'Brien Co	Detroit	Dyeing and cleaning	2	1	3	....	1909
Sept. 18	O'Brien, Misses The	Detroit	Millinery	.....	2	2	....	1904
Oct. 28	Ochenfeld, John & Co	Detroit	Furniture	7	....	7	....	1903
July 11	Ockford Printing Co	Detroit	Job printing	35	19	54	2	1880
May 2	O'Connor & Stewart	Detroit	Auto repairing	2	2	4	....	1913
Dec. 19	O'Connor Bros	Detroit	Plumbing	20	1	21	....	1895
Oct. 14	Oelman, Curt	Detroit	Machine repairing	10	....	10	....	1899
Nov. 29	O'Magan's, John Bakery	Detroit	Baked goods	5	....	5	....	1903
June 21	Oldberg Mfg. Co	Detroit	Mufflers	3	....	3	....	1908
Oct. 23	Oldberg Mfg. Co	Detroit	Mufflers	6	1	7	....	1907
Dec. 10	Oldenburg, Paul	Detroit	Baked goods	4	1	5	....	1901
Dec. 27	Oldsmobile Co	Detroit	Automobiles	10	1	11	....	1909
Aug. 14	Oleynik & Girard	Detroit	Carriages, etc	3	....	3	....	1912
Sept. 26	Olfs, John	Detroit	Baked goods	2	1	3	....	1906
Dec. 31	O'Leary Miss C. O	Detroit	Furs	.....	4	4	....	1907
Sept. 3	Olson & Adams	Detroit	Auto parts	10	....	10	....	1913
Nov. 11	One Day Service	Detroit	Cleaning, etc	1	2	3	....	1913
Oct. 4	O'Neill, Edward	Detroit	Wagons and trucks	10	....	10	....	1892
Oct. 14	Orlando, Tony	Detroit	Baked goods	4	....	4	....	1900
Oct. 13	Orlich, John	Detroit	Baked goods	8	....	8	....	1907

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Sept. 23	Ornamental Brass & Wire Works	Detroit	Brass and wire	7	....	7	....	1908
May 3	Ornamental Iron & Wire Works, The	Detroit	Iron and wire	5	....	5	....	1905
Nov. 11	Ornamental Products Co	Detroit	Wood carving	22	1	23	....	1904
Nov. 18	Ortmann, F. C	Detroit	Cut stone	6	....	6	....	1891
Oct. 25	Osborne, F. C. Co	Detroit	Scales	7	....	7	....	1900
May 11	Osmun, Walter	Detroit	Pop corn	3	4	7	....	1905
Oct. 14	Ostrich Feather Emporium	Detroit	Ostrich plumes	.....	2	2	....	1906
Oct. 31	Otis Elevator Co	Detroit	Elevators	101	2	103	....	1906
Oct. 14	Otten Bros. Co	Detroit	Cards	3	6	9	....	1901
Oct. 9	Overland Detroit Co	Detroit	Auto repairing	8	1	9	....	1912
Aug. 1	Pabst Brewing Co	Detroit	Beer	7	....	7	....	1911
Oct. 22	Packard Motor Car Co	Detroit	Automobiles	4,392	132	4,524	5	1899
May 26	Padberg Linotyping Co	Detroit	Linotype plates	4	....	4	....	1910
Sept. 11	Paige-Detroit Motor Car Co	Detroit	Automobiles	269	23	292	....	1909
Sept. 16	Paige-Detroit Motor Car Co	Detroit	Machinery	220	1	221	....	1912
Aug. 13	Paige-Detroit Motor Car Co	Detroit	Auto repairing	21	4	25	....	1912
Nov. 26	Palace Model Laundry Co	Detroit	Laundry	33	96	129	3	1897
April 29	Palmer-Bee Co	Detroit	Machinery	14	4	18	....	1905
June 3	Palmer Electric Co	Detroit	Electric supplies	9	....	9	....	1911
Sept. 4	Palmer Mfg. Co	Detroit	Tables	127	11	138	3	1903
Aug. 25	Palm Vacuum Cleaner Co	Detroit	Vacuum cleaners	19	3	22	....	1909
Oct. 3	Papke, Miss Lena	Detroit	Millinery	.....	3	3	....	1909
May 19	Parent, W	Detroit	Wagons and trucks	18	....	18	....	1902
Dec. 1	Paris Cleaners and Dyers	Detroit	Cleaning and dyeing	5	4	9	....	1913
July 29	Parish Mfg. Co	Detroit	Auto parts	122	3	125	3	1912
July 28	Parisian Laundry Co	Detroit	Laundry	38	124	162	....	1868
July 22	Paris Laundry	Detroit	Laundry	16	45	61	3	1891
Sept. 23	Park Auto Garage	Detroit	Auto repairing	3	....	3	....	1909
April 30	Park Chemical Co	Detroit	Chemicals	3	....	3	....	1911
Sept 12	Parke Davis & Co	Detroit	Drugs	1,023	1079	2,102	10	1866
Sept. 23	Parker Ave. Garage Co	Detroit	Auto repairing	5	....	5	....	1908
July 15	Parker Bros. Co., Ltd	Detroit	Coal and coke	27	....	27	....	1887
Aug. 25	Parker Bros. Co	Detroit	Foundry supplies	22	1	23	....	1903
Sept 17	Parker Bros. Co., Ltd	Detroit	Coal and coke	15	....	15	....	1909
Oct. 6	Parker Webb & Co	Detroit	Meats	496	4	500	....	1863
Aug. 20	Parkinson Co., Ltd., The	Detroit	Engraving	22	1	23	....	1910
Sept. 26	Park & McKay	Detroit	Plumbers' supplies	47	3	50	....	1883
Oct. 21	Parrish, Fred L	Detroit	Upholstering	4	....	4	....	1899
Aug. 9	Parsons-DeVlieg & Co	Detroit	Hinges	9	....	9	....	1912
Aug. 30	Partlan, James W	Detroit	Engineers' supplies	33	1	34	....	1888
Oct. 22	Pasadena Garage	Detroit	Auto repairing	4	....	4	....	1909
Oct. 21	Paschke, Aug. & Son	Detroit	Lumber	6	....	6	....	1903
Sept. 15	Path, Edward F	Detroit	Electric signs	3	....	3	....	1909
May 24	Pathfinder Publishing Co	Detroit	Printed matter	10	2	12	....	1885
Aug. 7	Patterson Bros	Detroit	Machinery	5	....	5	1	1913
Aug. 7	Pauli, Frank M	Detroit	Machinery	22	1	23	....	1909
July 16	Payograph Co	Detroit	Machinery	19	1	20	1	1913
Sept. 15	Pearl Laundry	Detroit	Laundry	2	2	4	....	1897
Nov. 3	Pearl Machine Co., Inc	Detroit	Clutches	6	....	6	....	1912
Dec. 29	Peckham, Ralph P	Detroit	Plumbing	53	1	54	....	1902
Aug. 12	Peerless Pattern Works	Detroit	Wood patterns	10	....	10	....	1895
Oct. 4	Peerless Picture Frame Mfg. Co	Detroit	Picture frames	6	3	9	....	1910
Dec. 22	Pellow Machine Co., The	Detroit	Machinery	3	....	3	....	1899
Oct. 15	Pelton & Crane Co	Detroit	Electrical supplies	29	9	38	....	1901
Nov. 13	Penberthy Injector Co	Detroit	Injectors	161	17	178	7	1886
May 3	Peninsular Brass Works	Detroit	Brass goods	51	3	54	....	1907
Dec. 29	Peninsular Cash Register Co	Detroit	Cash registers	19	1	20	2	1905
Aug. 19	Peninsular Emery Wheel Co	Detroit	Emery wheels	9	....	9	....	1890
April 30	Peninsular Fish Co	Detroit	Fish	4	....	4	....	1911
Aug. 14	Peninsular Milled Screw Co	Detroit	Screws	144	1	145	1	1902

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Oct. 1	Peninsular Stamp & Stencil Co.	Detroit	Rubber stamps	3	....	3	1	1906
Aug. 29	Peninsular Steel Castings Co.	Detroit	Castings	39	....	39	....	1912
April 29	Peninsular Stove Co., The	Detroit	Stoves	890	3	893	....	1881
Nov. 6	Peninsular Tool Salvage Co.	Detroit	Milling cutters	8	1	9	....	1912
May 28	Peninsular Tool Salvage Co.	Detroit	Tools	4	1	5	....	1912
Nov. 4	Pennant Garment Cleaning Co.	Detroit	Cleaning and pressing	2	....	2	....	1912
April 30	Pennington-McKee Co., The	Detroit	Tents and awnings	11	8	19	....	1908
Oct. 7	Peoples Outfitting Co.	Detroit	Job printing	59	160	219	....	1911
Oct. 9	Pereira Printing Co.	Detroit	Job printing	4	....	4	....	1896
Dec. 9	Pere Marquette Railroad Co.	Detroit	Freight	3	....	3	....	1883
Aug. 1	Pere Marquette Railroad Co.	Detroit	Car repairing	52	....	52	....	1883
Nov. 20	Perrien Park Bakery	Detroit	Baked goods	5	....	5	....	1909
Aug. 21	Peschke & Killian	Detroit	Meats	17	....	17	....	1909
Dec. 26	Peshek, J. & J.	Detroit	Custom clothing	5	2	7	....	1902
Sept. 19	Peters, A. Co.	Detroit	Dyeing and cleaning	26	33	59	....	1889
Dec. 5	Peters Carpet Cleaning Co.	Detroit	Renovating	5	....	5	....	1893
Dec. 9	Peterson, J. D. & Co.	Detroit	Furs	4	3	7	....	1905
Nov. 4	Peterson, Oscar	Detroit	Woodworking	7	....	7	....	1903
May 26	Petty, Jos.	Detroit	Blacksmithing	3	....	3	....	1876
Aug. 5	Pewabic Pottery Co.	Detroit	Pottery	9	....	9	....	1903
Sept. 5	Pfeiffer, C. Brewing Co.	Detroit	Beer	73	2	75	....	1902
Oct. 17	Pfromm, John	Detroit	Plumbing	2	....	2	....	1903
Dec. 17	Phelps-Krag & Co.	Detroit	Coffee and tea	2	4	6	....	1906
Oct. 29	Phelps Mfg. Co.	Detroit	Electric parts	7	15	22	....	1911
Dec. 8	Phfaler, C. Co.	Detroit	Meats	5	....	5	....	1904
Sept. 17	Phillips, M.	Detroit	Lunch boxes	3	....	3	....	1898
Sept. 24	Phillips, Scott	Detroit	Shoe repairing	3	....	3	....	1910
Sept. 2	Phoenix Wire Works, The	Detroit	Wire goods	63	2	65	7	1885
Dec. 23	Photocrome Co., The	Detroit	Art prints	55	13	68	....	1903
Dec. 18	Pickard Hardware Co.	Detroit	Hardware	7	1	8	....	1905
May 7	Piedmont Graphite Co.	Detroit	Graphite	3	....	3	....	1911
Aug. 5	Pierson & Hough Co.	Detroit	Harness	65	5	70	....	1890
Aug. 28	Piggins, Wm. S. Sons, Inc.	Detroit	Stone	32	1	33	....	1886
July 14	Pingree Co., The	Detroit	Shoes	604	459	1,063	100	1866
Dec. 1	Pipp Bros.	Detroit	Job printing	3	....	3	....	1911
Oct. 28	Pipper, William	Detroit	Blacksmithing	3	....	3	....	1912
Dec. 12	Pittmans & Dean Co.	Detroit	Coal and ice	81	....	81	....	1882
Sept. 8	Pittmans & Dean Co.	Detroit	Coal and ice	23	1	24	....	1900
Dec. 12	Pittmans & Dean Co.	Detroit	Coal and ice	31	1	32	....	1905
Sept. 3	Pittmans & Dean Co.	Detroit	Coal	16	....	16	....	1908
Aug. 20	Pittmans & Dean Co.	Detroit	Ice	10	....	10	....	1913
Oct. 28	Pittsburgh Plate Glass Co.	Detroit	Glass	119	12	131	....	1896
Aug. 27	Pittsburg Shafting Co. of Detroit	Detroit	Shafting	18	7	25	....	1900
Sept. 6	Pitta, Roy B.	Detroit	Custom shirts	2	4	6	....	1913
Oct. 31	Plant, H.	Detroit	Plumbing	4	....	4	....	1908
May 5	Playtime Mfg. Co.	Detroit	Dresses	4	51	55	....	1910
Oct. 15	Pleger, Ernest W.	Detroit	Furs	2	5	7	....	1910
Oct. 2	Plensdorf, Gust. E.	Detroit	Auto repairing	4	....	4	....	1910
Sept. 25	Plumb, Chas. H.	Detroit	Flowers	10	1	11	....	1896
Aug. 12	Pohlman, Chas. & Co.	Detroit	Furniture	33	....	33	....	1891
June 18	Pohl Printing Co.	Detroit	Job printing	9	5	14	....	1896
Dec. 29	Pokorny, C. E.	Detroit	Cleaning, etc.	3	....	3	....	1900
Aug. 28	Polish-American Publishing Co.	Detroit	Printed matter	4	14	18	1	1903
Oct. 13	Polonia Publishing Co.	Detroit	Printed matter	8	....	8	....	1890
May 28	Polyglot Printers, The	Detroit	Job printing	6	....	6	....	1906

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Nov. 7	Polyglot Printers, The	Detroit	Job printing	6	....	6	....	1913
Aug. 2	Pope Baking Co	Detroit	Baked goods	35	2	37	....	1907
Sept. 9	Porcelain Enameling & Mfg. Co	Detroit	Enameling	13	....	13	....	1910
Nov. 25	Porter, Miss Adele A	Detroit	Millinery	.....	3	3	....	1908
July 30	Possellus Bros. Furniture Mfg. Co., The	Detroit	Furniture	229	2	231	6	1865
Oct. 9	Postal-Fair Motor Co	Detroit	Auto repairing	6	....	6	....	1909
Sept. 23	Potz, Adolph Co	Detroit	Plumbing	8	1	9	....	1907
Oct. 10	Powviski, Frank	Detroit	Plumbing	4	....	4	....	1904
July 24	Prance, Jos. G. Co., The	Detroit	Custom clothing	33	28	61	....	1913
Dec. 1	Prance, John J	Detroit	Custom clothing	3	1	4	....	1913
Sept. 10	Pratt, Carter, Sigsbee & Co	Detroit	Auto repairing	2	....	2	....	1911
June 2	Precision Instrument Co	Detroit	Instruments	10	1	11	....	1910
Oct. 20	Prime Cleaning & Dyeing Co., The	Detroit	Cleaning and dyeing	1	1	2	....	1913
July 14	Princess Mfg. Co	Detroit	Dresses	30	525	555	10	1902
Oct. 8	Pringle Furniture Co	Detroit	Furniture	36	7	43	....	1882
Dec. 19	Progressive Couch Co	Detroit	Upholstering	7	....	7	....	1911
Dec. 18	Progressive Machine Screw Co	Detroit	Machine products	5	....	5	....	1913
Sept. 25	Progressive Print Shop, The	Detroit	Job printing	2	....	2	....	1913
June 2	Prompt Press, The	Detroit	Job printing	8	1	9	1	1900
Dec. 1	Public Lighting Commission	Detroit	Light	189	2	191	....	1895
Oct. 28	Pudrith, Albert F. Co., The	Detroit	Sheet metal	38	1	39	....	1899
Dec. 9	Punctureless Tire Co	Detroit	Tire repairing	3	....	3	....	1911
Dec. 11	Puritan Brick Co., The	Detroit	Brick	9	....	9	....	1872
Nov. 24	Puritan Laundry Co	Detroit	Laundry	9	28	37	....	1906
Nov. 21	Purdy Lumber & Mfg. Co	Detroit	Interior finish	21	....	21	....	1912
Aug. 27	Puritan Machine Co	Detroit	Auto parts	18	3	21	....	1906
Oct. 15	Putnam & Knapman	Detroit	Cleaning and pressing	7	2	9	2	1913
May 23	Quail & Co	Detroit	Signs	4	....	4	....	1906
Oct. 21	Quick, Mrs. L. J	Detroit	Millinery	.....	3	3	....	1912
Sept. 23	Quinkert, A. L. Co., The	Detroit	Store fixtures	11	1	12	....	1911
July 24	Quinn Mfg. Co	Detroit	Traps	66	14	80	2	1911
Oct. 16	Rall's Chocolate Shop	Detroit	Candy	2	1	3	....	1896
Oct. 10	Railway Steel Spring Co	Detroit	Steel	140	....	140	....	1880
July 30	Ralston Printing Co	Detroit	Job printing	6	1	7	....	1908
May 19	Randall Co., The	Detroit	Job printing	9	....	9	....	1886
Nov. 20	Rands Mfg. Co	Detroit	Auto parts	234	29	263	....	.....
Dec. 18	Rankin, William	Detroit	Cut stone	7	....	7	....	1906
Dec. 2	Rapp Printing Co	Detroit	Job printing	4	....	4	....	1891
July 23	Rateick, Frank H	Detroit	Machines, etc	11	1	12	....	1912
May 14	Rathbone, Sard & Co	Detroit	Stoves	4	....	4	....	1886
Oct. 15	Raths Oil Co	Detroit	Oils	5	....	5	....	1913
June 17	Raulet & Nicholson	Detroit	Machinery	5	....	5	....	1910
Dec. 19	Raymo, Joseph & Sons	Detroit	Sheet metal	9	1	10	....	1886
June 6	Raynor & Taylor, Inc	Detroit	Job printing	24	6	30	....	1877
Aug. 21	Reading Truck Co., The	Detroit	Storage, etc	110	4	114	....	1910
June 25	Read Motor Car Co	Detroit	Automobiles	15	1	16	....	1913
Aug. 18	Reardon-Parshall Co., The	Detroit	Job printing	8	1	9	....	1903
Aug. 8	Rebordy, E	Detroit	Blacksmithing	3	....	3	....	1898
Oct. 7	Redelsheimer, Max	Detroit	Optical goods	4	1	5	....	1872
Aug. 27	Red Star Compressed Yeast Co	Detroit	Yeast	8	4	12	1	1890
Sept. 25	Reeg, F. L. Co., Inc	Detroit	Engraving	8	6	14	....	1903
Aug. 12	Regal Motor Car Co	Detroit	Automobiles	802	20	822	....	1907
Aug. 18	Regal Motor Co	Detroit	Auto repairing	10	....	10	....	1908
Oct. 9	Regal Motor Sales Co	Detroit	Auto repairing	6	....	6	....	1909
Sept. 26	Regal Tailoring Co	Detroit	Custom clothing	2	....	2	....	1910

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Oct. 6	Reidinger, H. F.	Detroit	Blacksmithing	2	....	2	....	1912
Oct. 16	Reim, E.	Detroit	Meats	5	1	6	....	1880
Oct. 2	Reinelt, Miss Mabel	Detroit	Millinery	.....	4	4	....	1909
Nov. 3	Reinhold Mfg. Co., The	Detroit	Machinery	7	1	8	....	1887
Aug. 21	Reliable Laundry, The	Detroit	Laundry	10	31	41	....	1911
Oct. 8	Reliable Laundry, The	Detroit	Laundry	9	23	32	...	1912
Oct. 10	Reliable Tire Repair Co	Detroit	Auto tires	5	....	5	....	1911
Nov. 14	Remick, Jerome H. & Co	Detroit	Printed matter	19	46	65	....	1909
Nov. 14	Remick, Jerome H. Printing Co., The	Detroit	Printed matter	21	8	29	....	1907
Sept. 5	Remington Typewriter Co., Inc	Detroit	Typewriters	15	6	21	....	1888
Nov. 6	Renaud Power Plant	Detroit	Steam	4	....	4	....	1890
Nov. 5	Renchard Shirt & Neckwear Co	Detroit	Shirts	4	13	17	....	1905
Nov. 6	Rentschler, A.	Detroit	Photographs	2	1	3	....	1907
Nov. 7	Restrick Lumber Co	Detroit	Lumber, etc	60	3	63	1	1884
Oct. 4	Restrick Lumber Co	Detroit	Lumber	95	....	95	....	1908
Sept. 23	Reuther & Co	Detroit	Plaster	9	....	9	....	1884
Oct. 6	Reutter, Madame Smith	Detroit	Millinery	.....	8	8	....	1901
Oct. 16	Revere Cigar Mfg. Co	Detroit	Cigars	12	37	49	....	1913
July 21	Rex Jobbing Co	Detroit	Metal goods	15	....	15	....	1910
May 6	Rice, Jerome B. Seed Co	Detroit	Seeds	44	59	103	....	1895
Sept. 23	Rich, H	Detroit	Shoe repairing	2	....	2	....	1913
July 21	Richmond & Backus Co., The	Detroit	Job printing, etc	84	55	139	8	.....
Sept. 19	Rickel, H. W. & Co	Detroit	Malt	15	....	15	....	1876
Nov. 25	Riddle, James C	Detroit	Blacksmithing	3	....	3	....	1904
June 4	Ridgley, R. B	Detroit	Steel	8	4	12	....	1860
Sept. 23	Rieker, Marx	Detroit	Baked goods	2	1	3	....	1909
Sept. 16	Ritter Cigar Box Co., The	Detroit	Cigars	15	38	53	12	1912
May 8	Riverside Power Bldg	Detroit	Electricity	5	....	5	....	1882
July 14	Riverside Scrap Iron	Detroit	Junk	13	....	13	....	1907
June 11	Riverside Storage & Cartage Co	Detroit	Storage	22	2	24	....	1882
Sept. 22	River View Garage	Detroit	Auto repairing	3	1	4	....	1913
Oct. 15	Roach, James Co., The	Detroit	Interior decorating	52	3	55	....	1873
July 30	Roberts Brass Mfg. Co., The	Detroit	Brass goods	250	18	268	30	1906
Aug. 9	Roberts, H. C	Detroit	Blacksmithing	3	....	3	....	1906
July 29	Robertson, J. A	Detroit	Auto repairing	4	....	4	....	1903
Dec. 10	Robertson, R. Co	Detroit	Cut stone	14	....	14	....	1909
Oct. 21	Roberts Paint Co	Detroit	Paints and varnishes	5	....	5	....	1909
Aug. 20	Roberts Tube Works	Detroit	Brass tubing	11	....	11	....	1911
Aug. 21	Robinson Automatic Machine Co., The	Detroit	Machinery	7	....	7	....	1903
Dec. 22	Robinson Beef Co	Detroit	Meats	8	....	8	....	1902
Nov. 22	Robinson, D. & Sons	Detroit	Junk	6	4	10	....	1889
July 29	Robinson, Geo. A	Detroit	Auto repairing	2	....	2	....	1913
Oct. 14	Robinson Laundry	Detroit	Laundry	1	....	1	....	1909
Aug. 5	Robinson, L. & Co	Detroit	Junk	8	....	8	....	1913
Oct. 6	Roche-Crotty Hat Shop	Detroit	Millinery	.....	3	3	....	1911
Dec. 2	Rocho, J. E.	Detroit	Millinery	1	4	5	....	1891
Sept. 27	Rocks Automobile College	Detroit	Auto repairing	42	....	42	....	1910
Dec. 23	Rodger, D. F. & Bros	Detroit	Plumbing	7	....	7	....	1905
Oct. 17	Roehl Bros	Detroit	Storage	22	2	24	....	1900
Nov. 28	Roehl Bros. Garage	Detroit	Auto repairing	5	1	6	....	1910
Aug. 11	Roehm & Davison	Detroit	Iron and steel	25	....	25	....	1909
Dec. 4	Roehm, Edward R	Detroit	Novelties	9	2	11	....	1894
Aug. 16	Rogers, C. E.	Detroit	Machinery	22	....	22	....	1910
Oct. 28	Rogge Machine Co	Detroit	Tools	5	....	5	....	1910
Oct. 11	Rohlman, Chas. P. & Son	Detroit	Blacksmithing	5	....	5	....	1895
Oct. 11	Rohlman, Chas. P. & Sons	Detroit	Blacksmithing	3	....	3	....	1895
Aug. 22	Rohns, Albert & Co	Detroit	Fire escapes	9	....	9	....	1890
July 17	Roller Mill Works	Detroit	Machinery	13	1	14	....	1880
Dec. 30	Rooks, Horace W	Detroit	Furs	2	4	6	....	1906
May 15	Rookus Printing Co	Detroit	Job printing	8	2	10	1	1910

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Dec. 18	Roos & Wood	Detroit	Plumbing	18	1	19	....	1900
Nov. 3	Rosecrans, O. P	Detroit	Coal and coke	8	1	9	....	1904
May 13	Rosenberg Bros. and Schomberger	Detroit	Furs	7	1	8	....	1909
Aug. 18	Rosengarten & Co	Detroit	Custom clothing	6	....	6	....	1888
Nov. 24	Rosen, B	Detroit	Baked goods	7	....	7	....	1911
Nov. 17	Rosenweig, S. D	Detroit	Junk	5	....	5	....	1908
Sept. 11	Ross & Young Machine Co	Detroit	Machinery	72	2	74	....	1905
Oct. 4	Roth, Jacob	Detroit	Junk	6	....	6	....	1885
Sept. 25	Rowden, H. J	Detroit	Baked goods	2	2	4	....	1910
Oct. 24	Rowe Sanitary Lavatory Co	Detroit	Lavatories	3	1	4	....	1908
Oct. 4	Rowe, Wm. H	Detroit	Job printing	6	....	6	....	1885
Oct. 29	Rowley Scale & Supply Co	Detroit	Scales	8	....	8	....	1865
Nov. 17	Royal Cigar Co	Detroit	Cigars	7	7	14	....	1909
Aug. 19	Royal, George S	Detroit	Bicycle repairing	3	....	3	....	1899
July 29	Royal Mfg. Co	Detroit	Jewelry	4	20	24	....	1883
Oct. 15	Royal Millinery	Detroit	Millinery	.....	2	2	....	1908
Sept. 4	Royal Typewriter Co	Detroit	Typewriters	13	3	16	....	1907
Dec. 19	Royal Valley Coffee Co	Detroit	Produce	5	4	9	....	1910
Nov. 20	Ruhl, F	Detroit	Baked goods	13	....	13	....	1877
May 27	Runnings, J. R	Detroit	Gas engines	4	....	4	....	1906
May 16	Ruppel, A. H	Detroit	Job printing	4	....	4	....	1912
Dec. 1	Ryan Bros	Detroit	Blacksmithing	4	....	4	....	1907
May 5	Ryan Bros. Knitting Co	Detroit	Knit goods	6	65	71	4	1872
Oct. 20	Ryan, Edward J	Detroit	Plumbing	8	....	8	....	1895
Oct. 29	R. B. L. Co	Detroit	Dies and patterns	26	....	26	....	1912
May 27	R. B. L. Co	Detroit	Patterns	38	1	39	....	1913
July 31	R. C. H. Corporation	Detroit	Automobiles	505	16	521	....	1911
Sept. 25	Sabine, A. & Son	Detroit	Harness	2	....	2	....	1900
Oct. 10	Safety Furnace Pipe Co	Detroit	Furnace pipes	34	1	35	1	1893
Oct. 8	Safran, E	Detroit	Job printing	3	....	3	....	1911
May 27	Sales, Murray W. & Co	Detroit	Pipe fittings	12	....	12	....	1895
Nov. 18	Sample & Smith Lumber Co	Detroit	Lumber	16	....	16	....	1909
Oct. 6	Sanborn, A. I	Detroit	Roofing	7	1	8	....	1907
July 28	Sander's	Detroit	Candy	9	30	39	....	1875
July 28	Sander's	Detroit	Baked goods	3	4	7	....	1875
Aug. 1	Sand, J. & Sons	Detroit	Plumbs and levels	18	....	18	2	.....
Aug. 20	San-Etta Cigar Mfg. Co	Detroit	Cigars	2	30	32	....	1911
Aug. 2	Sanitary Cleaning & Pressing Co	Detroit	Cleaning and pressing	3	....	3	....	1913
Dec. 30	Sanitary Dust Removing Co	Detroit	Cleaning, etc	21	....	21	....	1904
Aug. 16	San Telmo Cigar Mfg. Co	Detroit	Cigars	48	1047	1,095	105	1898
Oct. 17	San Telmo Cigar Mfg. Co	Detroit	Cigars	21	296	317	45	.....
Sept. 9	Sass Bros. & Stuve	Detroit	Bricks	31	....	31	....	1902
Dec. 19	Sass, Louis H	Detroit	Coal	8	1	9	....	1905
Oct. 13	Sass, Louis H	Detroit	Coal and coke	6	1	7	....	1906
May 8	Sattler Coin Handling Machine Co	Detroit	Machinery	31	....	31	2	1912
Sept. 18	Sauer, Wm. & Son	Detroit	Cooperage	16	....	16	....	1885
Aug. 18	Schaale, Otto	Detroit	Tents and awnings	3	1	4	....	1910
Oct. 28	Schadt & Mathewson	Detroit	Pillows	7	8	15	....	1895
Oct. 23	Schaub, Albert	Detroit	Jewelry	7	....	7	....	1891
Nov. 4	Scheffer, R. A	Detroit	Motor bodies	5	....	5	....	1913
Nov. 22	Scheininger, Max	Detroit	Baked goods	5	....	5	....	1910
Nov. 8	Scheinman, I. L. & Co	Detroit	Wiping cloths, etc	4	18	22	....	1901
Sept. 5	Scheiwe Coal & Coke Co., Inc	Detroit	Coal and coke	26	....	26	....	1910
June 2	Scherer, H. & Co	Detroit	Carriages	44	19	63	....	1892
Aug. 19	Schermack Co., The	Detroit	Machinery	11	1	12	....	1911
Sept. 17	Scheuren & Mok	Detroit	Flour and feed	11	1	12	....	1897
Dec. 10	Scheiwe Storage Co	Detroit	Storage	12	....	12	....	1910
Sept. 25	Scheiwe Storage Co., Inc	Detroit	Storage	30	4	34	....	1911
Sept. 23	Schick, C. A	Detroit	Cigars	6	3	9	....	1903
May 1	Schiffer Printing Co	Detroit	Job printing	2	....	2	....	1912

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
May 10	Schlesinger, A. & Co	Detroit	Duck clothing	4	21	25	....	1894
June 23	Schlieder Mfg. Co	Detroit	Machinery	45	2	47	....	1911
May 2	Schloss Bros	Detroit	Custom clothing	50	37	87	....	1892
Dec. 26	Schmansky Bros. Co., The	Detroit	Custom clothing	5	3	8	....	1908
Sept. 18	Schmansky, Otto Sons	Detroit	Monuments	21	....	21	....	1883
Aug. 30	Schmied, Sisman Co	Detroit	Building supplies	71	5	76	....	1908
Dec. 6	Schmid, A	Detroit	Soup pastes	9	2	11	1	1890
Nov. 7	Schmidt, Carl E. & Co., Inc	Detroit	Leather	28	3	31	....	1888
Sept. 13	Schmidt, Carl E. & Co	Detroit	Leather	213	4	217	2	1913
Sept. 24	Schmidt, Chris Co	Detroit	Dairy products	10	....	10	....	1909
June 2	Schmidt, Hugo W. Picture Frame Co.	Detroit	Picture frames	8	7	15	....	1907
Nov. 6	Schmidt, Traugott & Sons	Detroit	Hides	157	5	162	....	1853
Aug. 26	Schneider, Adolph	Detroit	Baked goods	14	1	15	....	1902
Oct. 20	Schneider, J. J	Detroit	Upholstering	2	....	2	....	1904
May 15	Schnell Machine Co	Detroit	Machinery	8	1	9	....	1906
May 31	Schober Printing Co	Detroit	Job printing	23	10	33	3	1907
Nov. 13	Schratz Chemical Co., Inc., The	Detroit	Bath powder	5	....	5	....	1909
June 4	Schoenborn & Cowles Mfg. Co	Detroit	Machinery	14	....	14	....	1909
Oct. 15	Schroeter, B	Detroit	Flowers	7	2	9	....	1872
July 25	Schroeter's, Herman Sons	Detroit	Locks	3	....	3	....	1885
Nov. 8	Schroeter, R	Detroit	Flowers	8	....	8	....	1873
Oct. 28	Schuhols, S. C	Detroit	Furnaces	8	....	8	....	1907
Nov. 26	Schulte, Peter W. & Sons	Detroit	Auto repairing	4	1	5	....	1909
May 3	Schulte Soap Co	Detroit	Tallow and grease	9	....	9	....	1851
Oct. 21	Schults, A. W. & Co	Detroit	Plumbing	32	....	32	....	1893
Nov. 24	Schultz, Theo. L	Detroit	Cleaning and pressing	2	1	3	....	1897
Oct. 15	Schults, Wm. F. & Co	Detroit	Jewelry	6	1	7	....	1902
Dec. 2	Schumacher Bros. & Graham	Detroit	Coal and wood	6	1	7	....	1893
Oct. 7	Schumacher Bros. & Graham	Detroit	Coal and coke	4	1	5	....	1910
Nov. 13	Schuster, Louis	Detroit	Junk	3	2	5	....	1911
Nov. 6	Schwab, G. E. Chandelier Co	Detroit	Chandeliers	17	1	18	....	1909
Nov. 19	Schwanbeck Bros	Detroit	Racks, trucks, etc	72	3	75	9	1886
Nov. 20	Schwartz, Bernard	Detroit	Cigars	9	3	12	....	1895
Dec. 2	Schwarts, Jake	Detroit	Wagons and trucks	4	....	4	....	1903
Aug. 13	Schwars Foundry Co	Detroit	Castings	32	1	33	....	1907
Aug. 6	Schweikart Boat Co	Detroit	Boats	3	....	3	....	1878
Oct. 8	Schweikle & Zinnbauer	Detroit	Auto repairing	1	....	1	....	1913
Aug. 19	Schweppe & Wilt Mfg. Co	Detroit	Auto parts	31	2	33	....	1909
May 15	Scientific Instrument Co	Detroit	Instruments	14	....	14	....	1907
Oct. 27	Scott Bros. Electric Co	Detroit	Motors	12	2	14	....	1892
June 26	Scott, Frank G	Detroit	Physicians' supplies	5	5	10	....	1900
Oct. 3	Scott, Mrs. F. M	Detroit	Millinery	.....	3	3	....	1910
Dec. 24	Scott Co., J. E	Detroit	Flags and banners	5	18	23	....	1909
May 6	Scotten, Dillon Co	Detroit	Tobacco	327	751	1,078	48	1901
Aug. 29	Scranton, J. P. & Co	Detroit	Lumber	4	1	5	....	1866
Oct. 31	Scribner Floral Co	Detroit	Flowers	4	....	4	....	1896
Nov. 17	Scripps Motor Co	Detroit	Engines	33	3	36	....	1906
Oct. 21	Searight Mfg. Co	Detroit	Pencil pointers	3	....	3	....	1913
May 27	Seely Mfg. Co., The	Detroit	Extracts	2	8	10	....	1862
July 19	Seidel Printing Co	Detroit	Job printing	5	....	5	....	1900
May 19	Seidler-Miner Co	Detroit	Electrical supplies	12	1	13	....	1913
Nov. 24	Seifert, William C	Detroit	Dairy supplies	2	....	2	....	1908
Oct. 18	Selewaki, A. A	Detroit	Bicycle repairing	2	....	2	....	1910
Aug. 15	Selik Bros	Detroit	Auto parts	18	....	18	....	1910
Dec. 9	Semet-Solvay Co	Detroit	Coke, etc	325	1	326	....	1902
Sept. 24	Senate Laundry	Detroit	Laundry	19	44	63	....	1898
May 9	Sengstock, Aug	Detroit	Sheet iron	3	....	3	....	1898
Sept. 10	Sengstock, Aug	Detroit	Tinning, etc	3	....	3	....	1901
Oct. 30	Serra, Sam & Bros	Detroit	Macaroni	6	....	6	....	1903
Sept. 5	Sewell Cushion Wheel Co	Detroit	Wheels	16	1	17	....	1911

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Sept. 23	Sexauer, Chas. Roofing Co	Detroit	Roofing	21	....	21	....	1912
Oct. 21	Shapero, Herman	Detroit	Plumbing	6	1	7	....	1910
Sept. 23	Shaw, D. W	Detroit	Upholstering	2	....	2	....	1912
Sept. 26	Shea, Cornelius	Detroit	Blacksmithing	5	....	5	....	1883
Aug. 26	Sheahan's Reliable Storage & Cartage Co	Detroit	Storage and cartage	22	1	23	....	1905
Sept. 23	Sheahan's Reliable Storage & Cartage Co	Detroit	Storage	22	1	23	....	1913
Aug. 7	Sheekey Plumbing Co	Detroit	Plumbing	5	....	5	....	1911
Aug. 15	Sheet Steel Stamping Co	Detroit	Sheet steel	9	....	9	....	1903
Dec. 18	Sheill Dairy Bakery	Detroit	Baked goods	39	12	51	....	1894
Dec. 19	Shekells, Van Co	Detroit	Storage	12	....	12	....	1878
May 2	Shelby Printing Co	Detroit	Job printing	3	2	5	....	1912
Oct. 22	Shellfish & Co	Detroit	Job printing	2	....	2	....	1907
Oct. 1	Sherratt Electric Co	Detroit	Electrical supplies	8	1	9	....	1904
Sept. 11	Sherwood Brass Works	Detroit	Brass goods	203	....	203	1	1903
July 29	Sibley, F. M	Detroit	Lumber	18	1	19	....	1912
Sept. 3	Sibley, F. M. Lumber Co	Detroit	Lumber	70	3	73	1	1896
May 2	Sidebottom, P. A. Truck Co	Detroit	Trucking	46	2	48	....	1885
May 26	Sieder Mfg. Co	Detroit	Auto tops	47	47	94	....	1904
Oct. 3	Sieferlein Wire & Iron Works	Detroit	Wire and iron	3	....	3	....	1907
Dec. 19	Sieger & Hammer	Detroit	Custom clothing	3	2	5	....	1910
Sept. 16	Siegrist, Theodore	Detroit	Repairing clothing	3	....	3	....	1903
Oct. 31	Sievers & Erdman	Detroit	Auto bodies	109	1	110	....	1875
Oct. 3	Siewek Bros	Detroit	Dies and tools	16	....	16	....	1910
Oct. 20	Sillman & Brits	Detroit	Auto repairing	5	1	6	....	1913
May 21	Silverman & Co	Detroit	Cigars	1	2	3	....	1911
Sept. 3	Simpson, W. E	Detroit	Cigars	2	....	2	....	1909
Oct. 28	Simpson, Wm. T	Detroit	Artificial limbs	4	....	4	....	1881
Oct. 14	Sinclair, J. T	Detroit	Coal and coke	22	1	23	....	1883
Nov. 28	Sinclair, J. T	Detroit	Coal and coke	22	3	25	....	1897
July 28	Singelyn & Lowry Co	Detroit	Fixtures	17	1	18	....	1907
Nov. 19	Singer, J	Detroit	Junk	8	1	9	....	1906
Sept. 17	Skene Bros	Detroit	Blacksmithing	3	....	3	....	1893
Sept. 2	Skinkle, Leland O	Detroit	Cigars	7	50	57	....	1895
Oct. 18	Skrzycki, William T	Detroit	Baked goods	3	2	5	....	1903
Dec. 19	Slater, H. M	Detroit	Wagons	3	....	3	....	1906
June 9	Sloman, M. & Co	Detroit	Furs	17	4	21	....	1888
Dec. 19	Slowinski, A. R	Detroit	Custom clothing	4	....	4	....	1905
Nov. 25	Sluka, James	Detroit	Custom clothing	4	....	4	....	1895
May 15	Smillie, C. M	Detroit	Machinery	4	....	4	....	1909
July 24	Smith, Albert	Detroit	Carriages, etc	3	....	3	....	1910
Oct. 1	Smith, L. C. & Bros. Typewriter Co	Detroit	Typewriters	7	4	11	....	1905
Sept. 15	Smith, C. F	Detroit	Storage, etc	15	3	18	....	1910
Aug. 25	Smith Chandelier Co., The	Detroit	Chandeliers	13	3	16	....	1905
Oct. 10	Smith, H. Collier	Detroit	Machinery	17	1	18	....	1912
Oct. 1	Smith, Henry M	Detroit	Custom clothing	3	....	3	....	1901
July 22	Smith, Jos. N. Co	Detroit	Auto mountings	206	4	210	....	1899
Aug. 22	Smith, Matthews Foundry Co	Detroit	Castings	14	....	14	....	1910
Aug. 6	Smith Motor Repair Co	Detroit	Machine repairing	4	....	4	....	1913
Oct. 6	Smith, Peter Heater Co., The	Detroit	Heaters	49	3	52	1	1889
Dec. 31	Smith, Sara A	Detroit	Dress accessories	....	7	7	....	1892
Sept. 30	Smith Sign Co	Detroit	Sign printing	3	....	3	....	1910
June 5	Smith, Thos. Press	Detroit	Job printing	15	4	19	2	1892
July 25	Smitt, Sam	Detroit	Custom clothing	18	11	29	....	1892
Aug. 21	Snyder, A. H. & Son	Detroit	Baked goods	4	....	4	....	1907
Dec. 9	Solvay Process Co., The	Detroit	Soda	1,330	35	1,365	10	1897

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Sept. 23	Sonnenburg, Gus	Detroit	Custom clothing	3	1	4	....	1910
May 20	Speaker-Hines Printing Co	Detroit	Job printing	45	10	55	1	1884
Nov. 13	Spencer Bakery	Detroit	Baked goods	2	1	3	....	1913
Oct. 3	Sperlich & Uhlig	Detroit	Machinery	17	....	17	....	1911
July 29	Spiegel, John S. Co	Detroit	Shirts	3	30	33	....	1902
July 29	Spiets & Worch Co	Detroit	Cigars	27	488	515	36	1909
Dec. 10	Spooner & Wells	Detroit	Photographs	3	2	5	1	1909
Oct. 4	Spowts, The Misses	Detroit	Millinery	....	2	2	....	1908
Aug. 21	Sprague Publishing Co., The	Detroit	Job printing	17	30	47	....	1899
May 7	Sprenger, Joseph & Sons	Detroit	Steam boilers	11	....	11	....	1870
May 23	Springman Paper Products Co	Detroit	Paper products	18	13	31	1	1909
Aug. 15	Sprunk Engraving Co	Detroit	Engraving	18	2	20	1	1906
April 29	Spry Sign Co	Detroit	Signs	4	....	4	....	1895
Oct. 2	Srers Bros. Co	Detroit	Pulp	9	21	30	....	1902
Oct. 16	St. Aubin, Edwin J	Detroit	Plumbing	6	....	6	....	1909
Dec. 2	St. Mary's Hospital	Detroit	Laundry	7	7	14	....	1869
Sept. 19	Staats, Henry	Detroit	Jewelry	3	....	3	....	1911
July 18	Stafford Printing Co	Detroit	Job printing	6	3	9	....	1900
Nov. 3	Stahnke, Carl	Detroit	Custom clothing	2	1	3	....	1905
Oct. 10	Standard Auto Co	Detroit	Automobiles	35	5	40	....	1904
May 24	Standard Auto Tire Repair Co	Detroit	Tire repairing	6	2	8	....	1909
Oct. 31	Standard Auto Tire Repair Co	Detroit	Tire repairing	8	1	9	....	1909
Nov. 10	Standard Barrel & Bag Co	Detroit	Barrels and bags	13	1	14	....	1905
Sept. 10	Standard Brass Works	Detroit	Brass goods	139	7	146	5	1898
April 28	Standard Electric Co	Detroit	Electrical goods	11	1	12	....	1902
Oct. 24	Standard Laundry Co., The	Detroit	Laundry	13	62	75	1	1907
Sept. 24	Standard Lumber & Coal Co	Detroit	Lumber and coal	16	....	16	....	1912
Oct. 13	Standard Oil Co	Detroit	Oils	40	....	40	....	1893
Aug. 21	Standard Oil Co	Detroit	Oils	11	....	11	....	1904
Oct. 27	Standard Pattern Works	Detroit	Patterns	16	1	17	....	1902
July 31	Standard Plating Works	Detroit	Polishing and plating	9	....	9	....	1913
Sept. 22	Standard Press	Detroit	Job printing	3	....	3	....	1908
Nov. 20	Standard Roofing Co	Detroit	Roofing	6	....	6	....	1909
June 21	Standard Rug Co	Detroit	Rugs	4	4	8	....	1895
Sept. 8	Standard Screw Products Co	Detroit	Screw machine products	21	1	22	....	1913
June 25	Standard Tool & Mfg. Co	Detroit	Tools	14	....	14	....	1912
June 23	Stand Pat Easel Co., The	Detroit	Easels	6	....	6	....	1905
Oct. 13	Stanton, A. B	Detroit	Aprons	2	10	12	....	1913
May 21	Stanton, M. M. & Co	Detroit	Clothing	13	81	94	....	1870
July 22	Star Carpet Cleaning Co	Detroit	Carpets	13	1	14	....	1897
Aug. 12	Star Corundum Wheel Co	Detroit	Emery wheels, etc	22	....	22	....	1907
Dec. 9	Star Storm Front Co	Detroit	Auto storm fronts	5	....	5	....	1913
Nov. 25	Star Wire Novelty Co	Detroit	Wire novelties	3	6	9	....	1901
May 9	Stearns, Frederick	Detroit	Candy	9	25	34	6	1912
Aug. 12	Stearns, Frederick & Co	Detroit	Medicines	471	509	980	9	1855
Sept. 16	Stecher, P. J	Detroit	Auto repairing	2	....	2	....	1901
May 26	Stecker Electric & Machine Co	Detroit	Electrical supplies	55	18	73	....	1900
June 2	Stecker, H. J. Paper Box Co	Detroit	Paper boxes	6	20	26	....	1903
Dec. 17	Steel Mill Packing Co	Detroit	Metallic packing	5	1	6	....	1900
Oct. 20	Steeneck & Tegge	Detroit	Structural iron	15	....	15	....	1912
Dec. 19	Steere, Thos	Detroit	Furs	2	1	3	....	1897
Nov. 25	Steers, L. C	Detroit	Auto repairing	4	....	4	....	1911
Oct. 4	Stegman, Misses D. & A	Detroit	Millinery	....	3	3	....	1898
Oct. 15	Steinberg, R	Detroit	Shoe repairing	2	....	2	....	1907
Aug. 2	Steinbrecher, Chas	Detroit	Wagons, etc	2	....	2	....	1912
Oct. 28	Steiner, Edward B	Detroit	Plumbing	17	....	17	....	1890
Dec. 2	Steiner, Louis	Detroit	Baked goods	10	2	12	....	1892
Sept. 5	Steinman Bros	Detroit	Aprons	2	3	5	....	1913
Oct. 28	Steins Millinery	Detroit	Millinery	....	3	3	....	1910
Dec. 5	Stenius, Peter	Detroit	Baskets	7	1	8	1	1876

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Oct. 18	Stephens, Roe Mfg. Co	Detroit	Hydrants and valves	210	2	212	2	1886
Sept. 4	Sterling Coal Co	Detroit	Coal	15	....	15	....	1904
Nov. 7	Sterling Motor Co	Detroit	Auto parts	53	2	55	....	1912
Aug. 4	Sterling & Skinner Mfg. Co	Detroit	Brass goods	99	5	104	2	1902
Aug. 6	Stevens, Frederick B	Detroit	Foundry supplies	43	8	51	....	1903
Oct. 6	Stevens, Frederic B	Detroit	Foundry facings	16	....	16	....	1905
July 29	Stevens, S. R	Detroit	Harness	2	....	2	....	1903
Sept. 15	Steveson, H	Detroit	Coal, coke, etc	3	1	4	....	.....
May 12	Stewart, Bell & Stewart	Detroit	Engraving	45	1	46	1	1910
June 24	Stewart, Martin & Co., Ltd	Detroit	Job printing	9	....	9	1	1904
Sept. 18	Steyer, J. Fred Sheet Metal Works	Detroit	Sheet metal	11	....	11	....	1909
Aug. 28	Steyskal, Walter J	Detroit	Custom clothing	3	....	3	....	1868
Nov. 3	Stiefel, C. F	Detroit	Dyeing and cleaning	4	1	5	....	1907
July 24	Stimpson, W. F. Co	Detroit	Scales	155	....	155	....	1890
Nov. 7	Stocker Mfg. Co	Detroit	Auto accessories	4	....	4	....	1913
Dec. 4	Stock, Jerome K	Detroit	Flowers	4	....	4	....	1898
May 12	Stoddard-Jakel Machine & Tool Co	Detroit	Machinery	13	....	13	....	1909
Oct. 14	Stolasky Bros	Detroit	Junk	4	....	4	....	1913
July 21	Stone & Co	Detroit	Cleaning, etc	13	3	16	2	1913
Oct. 23	Stone, Mrs. S	Detroit	Millinery	.....	4	4	....	1902
Nov. 28	Stott, David	Detroit	Flour	101	5	106	....	1874
May 15	Stotts Printing Co	Detroit	Job printing	4	1	5	....	1900
Oct. 14	Stratemeyer & Teetsel Co	Detroit	Draperies	2	3	5	....	1911
May 29	Streeter, E. H. Press	Detroit	Job printing	7	....	7	....	1911
Nov. 10	Streit Bros	Detroit	Meats	6	1	7	....	1908
June 16	Strelinger, Chas. A. Co., The	Detroit	Machinery	95	42	137	2	1884
July 28	Strelinger Marine Engine Co., The	Detroit	Engines	7	....	7	....	1911
Dec. 15	Strelinger Marine Engine Co., The	Detroit	Gas engines	7	....	7	....	1911
Nov. 7	Streufert, Elias	Detroit	Shoes	7	....	7	....	1906
Oct. 3	Streufert, H. O	Detroit	Plumbing	2	1	3	....	1910
Dec. 8	Stroh Brewery Co., The	Detroit	Beer	259	16	275	....	1850
June 5	Strong, Carlisle & Hammond Co	Detroit	Machinery	3	....	3	....	1888
May 27	Stroup, F. J. Co., The	Detroit	Job printing	19	8	27	....	1898
Aug. 12	Stuart & Co	Detroit	Builders' supplies	11	....	11	....	1910
Aug. 4	Stuart Foundry Co	Detroit	Castings	19	1	20	....	1900
May 15	Stubbs, Esterling Printing Co	Detroit	Job printing	12	2	14	1	1908
Aug. 22	Stubbs Lithographic Co	Detroit	Lithographing	21	2	23	....	1909
Nov. 7	Studebaker Corporation, The	Detroit	Automobiles	6,736	234	6,970	16	1908
May 5	Studebaker Corporation, The	Detroit	Automobiles	3,438	7	3,445	1	1909
July 9	Studebaker Corporation, The	Detroit	Automobiles	437	1	438	....	1911
July 18	Studebaker Corporation, No. 13, The	Detroit	Auto parts	33	....	33	....	1911
May 9	Studebaker Corporation, The	Detroit	Automobiles	4,145	36	4,181	....	.....
May 23	Suckert Loose-Leaf Cover Co., The	Detroit	Book binding	11	10	21	3	1908
Oct. 29	Sullivan, D	Detroit	Coal and coke	10	....	10	....	1863
Nov. 18	Sullivan, D	Detroit	Coal and coke	6	....	6	....	1901
June 16	Sullivan, John C. & Co	Detroit	Cigars	10	3	13	....	1900
Sept. 23	Sullivan, Mary J	Detroit	Millinery	.....	8	8	....	1908
Oct. 6	Sullivan Packing Co	Detroit	Meats	157	3	160	....	1907
Nov. 17	Sun Co	Detroit	Oils	17	1	18	....	1900
Sept. 2	Superia Cigar Mfg. Co	Detroit	Cigars	19	231	250	22	1900
Oct. 17	Superior Hat Mfg. Co., The	Detroit	Hats	3	....	3	....	1908
Oct. 25	Superior Machine & Engineering Co	Detroit	Machinery	29	1	30	....	1909
May 1	Superior Printing Co	Detroit	Job printing	4	....	4	....	1905
May 23	Superior Seal & Stamp Co	Detroit	Stamps	8	....	8	....	1880
Oct. 24	Surmann, Theo	Detroit	Custom clothing	3	....	3	....	1909
Oct. 23	Sutherland, F. L. Co., The	Detroit	Leather novelties	23	1	24	....	1901
June 20	Sutherland, F. L. Co., The	Detroit	Leather	18	1	19	....	1904
June 5	Swail, W. H. Printing Co., The	Detroit	Job printing	5	....	5	1	1874
Sept. 27	Swan, Dyk M	Detroit	Cigars	3	10	13	....	1912
Sept. 20	Swift Auto Co	Detroit	Auto repairing	10	....	10	....	1911

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Nov. 29	Swope & Froelich	Detroit	Meats	12	....	12	....	1913
Nov. 17	Talbot-Irwin Co	Detroit	Lumber and coal	14	....	14	....	1910
Dec. 10	Tashmoo Dry Cleaning Co	Detroit	Cleaning, etc	4	....	4	....	1909
July 28	Taylor Supply Co., The	Detroit	Plumbing supplies	5	2	7	....	1910
May 8	Taylor, William	Detroit	Patterns	4	....	4	....	1908
Dec. 23	Taylor, Wm. H	Detroit	Plumbing	6	....	6	....	1906
Oct. 27	Taxicab Co. of America	Detroit	Auto repairing	8	....	8	....	1911
Oct. 14	Taxi-Cab Service Co., The	Detroit	Auto repairing	47	4	51	....	1909
Oct. 1	Teaher, James M	Detroit	Tanks, etc	39	1	40	....	1910
May 21	Teal, Frank C. Co	Detroit	Electrical supplies	8	6	14	....	1891
Sept. 25	Tegge, Wm. & Co	Detroit	Cigars	8	211	219	10	1884
June 9	Telfer Coffee Co	Detroit	Provisions	8	5	13	....	1899
Oct. 28	Temple, A. W	Detroit	Tinning	4	....	4	....	1909
Oct. 16	Ternes Coal & Lumber Co	Detroit	Coal, coke, etc	46	1	47	....	1901
Dec. 19	Ternes Coal & Lumber Co	Detroit	Coal and lumber	43	2	45	....	1905
June 14	Terry & Mahuke	Detroit	Screen doors	9	....	9	....	1913
July 22	Tessmer Machine & Tool Co	Detroit	Machinery	31	....	31	2	1906
Oct. 8	Tewkesbury, Chas. A	Detroit	Electrical supplies	11	....	11	....	1910
Aug. 5	Theel Bros	Detroit	Coal and coke	4	1	5	....	1885
Sept. 16	Theisen Trunk Co	Detroit	Trunks	39	1	40	1	1906
Aug. 15	Thelma Motor Works	Detroit	Motors	3	....	3	....	1911
May 27	Thomson, L. A	Detroit	Woodworking	11	....	11	....	1903
July 24	Thompson, Alex	Detroit	Custom clothing	3	1	4	....	1912
Dec. 3	Thompson Auto Co	Detroit	Auto repairing	37	4	41	....	1911
Aug. 15	Thompson, F. A. & Co	Detroit	Chemicals	40	8	48	....	1898
Aug. 15	Thompson, F. A. & Co	Detroit	Nicotine	13	....	13	....	1910
Sept. 9	Thiery & Kendrick Mfg. Co	Detroit	Auto parts	77	1	78	....	1907
July 25	Thorp, Hawley & Co	Detroit	Candy	21	32	53	....	1873
June 17	Tibble & Sielaff	Detroit	Plaster	20	....	20	....	1902
Oct. 16	Tibble & Sielaff	Detroit	Carving	18	....	18	....	1903
Dec. 18	Tidey & Towler	Detroit	Plumbing	4	....	4	....	1913
June 27	Tietze, L. Dyeing & Cleaning Co	Detroit	Cleaning and pressing	8	13	21	....	1899
May 8	Timken-Detroit Axle Co., The	Detroit	Axles	1,551	31	1,582	3	1909
July 12	Tivoli Brewing Co	Detroit	Beer	121	3	124	....	1898
Dec. 4	Todd, W. E	Detroit	Baked goods	2	1	3	....	1911
Sept. 23	Todd, W. M	Detroit	Baked goods	2	1	3	....	1913
Oct. 3	Todd, Wm. T. Co	Detroit	Window shades	2	....	2	....	1899
May 12	Toledo Plate & Window Glass Co., The	Detroit	Glass	14	2	16	....	1910
Sept. 8	Tonn & Schreiber	Detroit	Lumber	25	....	25	....	1902
May 16	Topping & Co	Detroit	Job printing	13	....	13	....	1885
Dec. 18	Touseau, E. E	Detroit	Sheet metal	6	....	6	....	1908
Sept. 24	Towars Wayne County Creamery	Detroit	Dairy products	96	3	99	....	1870
Oct. 1	Towars Wayne County Creamery	Detroit	Dairy products	24	1	25	....	1910
Aug. 26	Towars Wayne County Creamery	Detroit	Dairy products	24	1	25	....	1912
June 6	Trade Journal Association, The	Detroit	Job printing	5	1	6	....	1897
Sept. 24	Traub Bros. & Co	Detroit	Engraving	4	8	12	....	1903
Sept. 21	Traub Jewelry Mfg. Co., The	Detroit	Jewelry	26	3	29	1	1901
Dec. 3	Tremblay, O. A	Detroit	Custom clothing	3	....	3	....	1907
Sept. 9	Trio Mfg. Co	Detroit	Auto parts	120	2	122	1	1907
Aug. 25	Trippensee Mfg. Co., The	Detroit	Auto bodies	36	1	37	....	1907
Aug. 28	Tristem & Hendricks	Detroit	Blacksmithing	4	....	4	....	1904
Oct. 1	Trojan Laundry Co	Detroit	Laundry	19	67	86	....	1876
Sept. 16	Trombley Electric Co	Detroit	Electrical supplies	13	....	13	....	1908
Oct. 2	Trossel, John B	Detroit	Bicycle repairing	3	....	3	....	1896
Nov. 26	Troy Laundry, The	Detroit	Laundry	13	28	41	....	1895
Nov. 26	Troy Milk Co	Detroit	Milk	26	1	27	....	1906
July 30	Trussed Concrete Steel Co	Detroit	Steel	24	1	25	....	1902
Dec. 19	Trysell, E. P	Detroit	Custom clothing	10	4	14	....	1906
May 16	Tufting Machine Supply Co	Detroit	Tufting machines	5	2	7	....	1904
May 22	Tullar Envelope Co	Detroit	Envelopes	7	25	32	1	1901

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Oct. 14	Turner & Butler	Detroit	Coal and coke	18	....	18	....	1908
July 18	Turner Cartage Co	Detroit	Cartage and trucking	68	1	69	....	1890
Sept. 30	Turner, John	Detroit	Electric repairing	6	....	6	....	1911
Nov. 4	Turner & Moore Mfg. Co	Detroit	Auto parts	55	....	55	....	1911
May 23	Turner Printing Co., The	Detroit	Job printing	3	3	6	....	1911
Nov. 5	Tuttle & Clark, Inc	Detroit	Leather goods	17	6	23	....	1877
Dec. 19	Tyre Hardware Co., The	Detroit	Hardware	6	....	6	....	1898
Sept. 10	Underwood Typewriter Co	Detroit	Typewriters	20	5	25	....	1904
Sept. 18	Union Brewing Co., The	Detroit	Beer	22	....	22	....	1889
Oct. 16	Union Electrical Construction Co	Detroit	Electrical supplies	12	....	12	....	1913
Aug. 8	Union Electro Products Co	Detroit	Stoves	7	....	7	....	1913
Nov. 10	Union Knitting Mills	Detroit	Knit goods	1	2	3	....	1913
Nov. 28	Union Sheet Metal Works	Detroit	Sheet metal	29	1	30	2	1905
Sept. 8	Union Transfer & Storage Co., The	Detroit	Storage	13	....	13	....	1880
Aug. 4	Union Truck Co., Ltd	Detroit	Storage and trucking	30	....	30	....	1903
Oct. 16	United Cornice & Roofing Co	Detroit	Sheet metal	6	....	6	....	1913
July 16	United Forge & Machine Co	Detroit	Castings	13	....	13	....	1913
Oct. 15	United Light Stores Co	Detroit	Lighting fixtures	11	2	13	....	1908
Oct. 27	United Shirt & Collar Co	Detroit	Shirts	10	2	12	1	1908
Oct. 14	United States Cleaning & Pressing Co	Detroit	Cleaning and pressing	3	....	3	....	1907
July 17	United States Frumentum Co., The	Detroit	Cereals	31	....	31	....	1891
Oct. 29	United States Light & Heating Co., The	Detroit	Storage batteries	10	2	12	....	1909
Oct. 6	United States McAdamite Metal Co	Detroit	Castings	32	....	32	....	1907
Aug. 6	United States Radiator Corporation	Detroit	Radiators	7	....	7	....	1910
Nov. 11	Universal Bottle Washer Co	Detroit	Bottle washers	45	2	47	....	1913
Aug. 26	Universal Button Fastening & Button Co	Detroit	Buttons, etc	138	117	255	3	1900
Oct. 28	Universal Machine Co	Detroit	Machinery	5	....	5	....	1909
Aug. 30	Universal Motor Truck Co	Detroit	Motor trucks	320	6	326	....	1909
Oct. 24	Up-To-Date Shoe Repair Co	Detroit	Shoe repairing	10	....	10	....	1905
Aug. 13	Utility Compressor Co	Detroit	Air compressors	23	....	23	....	1913
Nov. 24	Utter, J. J. & Co	Detroit	Blacksmithing	3	....	3	....	1890
May 1	U. S. Cap Mfg. Co	Detroit	Caps	27	12	39	....	1907
Dec. 12	U. S. Cap Mfg. Co	Detroit	Headwear	39	12	51	....	1907
April 30	U. S. Lighting & Heating Co	Detroit	Electrical supplies	10	....	10	....	1911
Sept. 8	Van Antwerp & Co	Detroit	Coal and coke	18	1	19	....	1855
Aug. 15	Van Antwerp & Co	Detroit	Coal	16	....	16	....	1913
Sept. 16	Van Bleck Motor Co	Detroit	Gasoline engines	14	2	16	1	1910
Aug. 7	Van Dyke Bakery	Detroit	Baked goods	26	....	26	....	1890
May 20	VanLeyen & Hensler	Detroit	Engraving	42	....	42	2	1889
Aug. 30	Van Tassel, Ray	Detroit	Blacksmithing	3	....	3	....	1907
May 24	Van Riper & McVicar	Detroit	Machinery	5	....	5	....	1905
June 17	Van Vliet Bros	Detroit	Tobacco	3	1	4	....	1884
Oct. 21	Van Vliet Bros	Detroit	Tobacco	3	1	4	....	1909
Sept. 26	Van Wormer Pure Food Co., The	Detroit	Extracts	3	5	8	....	1910
Sept. 19	Vaughan, Wm. W. Co	Detroit	Table condiments	20	7	27	....	1912
Nov. 21	Velick Scrap Iron & Machinery Co	Detroit	Junk	4	....	4	....	1890
July 21	Venderbush & Looman Co	Detroit	Metal goods	15	....	15	....	1908
Oct. 21	Venetian Marble Mosaic Art Co	Detroit	Marble	14	1	15	....	1891
Dec. 10	Venn, Ernest	Detroit	Plumbing	9	....	9	....	1888
April 30	Vernor, James	Detroit	Soft drinks	45	14	59	1	1867
July 21	Victor Jar Co	Detroit	Jars, etc	7	1	8	....	1900
Dec. 11	Victor Mfg. Co	Detroit	Show cases	22	....	22	....	1909
July 18	Victor Rubber Stamp Co	Detroit	Rubber stamps	2	1	3	....	1912
Oct. 29	Victor Vulcanizing Co	Detroit	Tire repairing	3	....	3	....	1912
Aug. 6	Vincent Bros	Detroit	Marine engines	6	....	6	....	1907

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Aug. 25	Vincent Steel Process Co	Detroit	Steel	45	3	48	2	1909
Nov. 3	Vinton Co	Detroit	Building supplies	217	12	229	....	1863
Oct. 15	Viviano, S. Mfg. Co	Detroit	Macaroni	23	....	23	....	1913
July 7	Voelkner & Harry Mfg. Co	Detroit	Hardware specialties	72	1	73	....	1900
Dec. 10	Voellmigs Bakery	Detroit	Baked goods	12	2	14	....	1903
Sept. 27	Vogler, Chas. A. & Co	Detroit	Upholstering	9	....	9	1	1911
Nov. 24	Voigt Brewery Co	Detroit	Beer	49	....	49	....	1866
June 11	Volk Stamp & Stencil Co	Detroit	Stamps	4	1	5	1	1890
Oct. 15	Vulcan Co., The	Detroit	Iron, wire, etc	19	....	19	....	1902
Aug. 1	Wabash Railroad Co., The	Detroit	Freight	213	9	222	....	1883
Sept. 26	Wabash Railroad Co., The	Detroit	Car repairing	155	....	155	....	1883
Oct. 4	Wabash Railroad Co., The	Detroit	Freight	8	....	8	....	1880
July 21	Wadsworth, T. A	Detroit	Cigar boxes	51	78	129	33	1868
Nov. 26	Wagenhals Motor Co	Detroit	Automobiles	21	....	21	....	1911
Oct. 17	Wagner Baking Co., The	Detroit	Baked goods	6	....	6	....	1869
Dec. 12	Wagner Baking Co., The	Detroit	Baked goods	134	5	139	....	1890
Oct. 3	Wahl Motor Co	Detroit	Automobiles	28	1	29	....	1912
Nov. 6	Walhart Repair Shop, The	Detroit	Auto parts	2	....	2	....	1913
June 25	Walker Bros. Catering Co	Detroit	Baked goods	22	9	31	....	1904
Oct. 30	Walker & Co	Detroit	Advertising	138	2	140	....	1883
June 23	Walker, H. J. Co	Detroit	Auto parts	36	1	37	....	1910
Nov. 6	Walker, Henry L. Co	Detroit	Rubber goods	11	2	13	....	1892
Dec. 22	Walker Mfg. & Supply Co	Detroit	Plumbing	9	1	10	....	1902
Nov. 21	Walker, Shinn Co	Detroit	Paints	5	....	5	....	1913
Aug. 5	Wallace, Hugh L. Co	Detroit	Robes, etc	84	111	195	9	1897
Oct. 4	Walsh Bros	Detroit	Plumb ng	5	....	5	....	1911
May 21	Walsh, Richard	Detroit	Plumbing	5	....	5	....	1859
Oct. 23	Walters Electric Co	Detroit	Electric fixtures	5	....	5	....	1909
Nov. 17	Walters, R	Detroit	Cigars	1	5	6	....	1898
Sept. 19	Ward, Tesch Mfg. Co	Detroit	Jewelry	11	....	11	....	1912
July 24	Ward, T. W. Co., The	Detroit	Dresses	2	25	27	....	1912
Aug. 14	Warncke, Chas	Detroit	Flowers	3	1	4	....	1880
Aug. 18	Warncke, John H	Detroit	Flowers	7	2	9	....	1886
Oct. 7	Warren Capsule Co	Detroit	Capsules	4	20	24	....	1894
Oct. 15	Warsaw Bakery	Detroit	Baked goods	3	1	4	2	1910
Aug. 19	Washington Boulevard Auto Garage	Detroit	Auto repairing	4	....	4	....	1908
Aug. 18	Washington Hat & Garment Cleaning Co	Detroit	Cleaning, etc	5	....	5	....	1911
Sept. 26	Washington Steam Laundry	Detroit	Laundry	5	14	19	....	1898
Aug. 20	Wasserman, E	Detroit	Grinding	3	....	3	....	1911
Sept. 19	Watson Co., The	Detroit	Custom clothing	4	3	7	....	1911
Oct. 1	Watson, Walter J.	Detroit	Photographs	2	1	3	....	1910
Nov. 3	Waugh-Bridges, Mrs. C	Detroit	Millinery	.....	5	5	....	1900
Oct. 10	Wayne Belting Co	Detroit	Belting	6	....	6	....	1898
Sept. 29	Wayne Cigar Co	Detroit	Cigars	35	811	846	86	1913
Oct. 15	Wayne County Storage Co	Detroit	Storage	16	....	16	....	1911
Oct. 2	Wayne Furniture Packing Co., The	Detroit	Packing, etc	8	....	8	....	1912
May 22	Wayne Garment Mfg. Co	Detroit	Dresses	5	23	28	....	1910
April 30	Wayne Printing Co., The	Detroit	Job printing	9	1	10	1	1909
Oct. 24	Wayne Publishing Co	Detroit	Job printing	3	3	6	....	1907
Sept. 22	Wayne Soap Co., The	Detroit	Soap	10	....	10	....	1899
Sept. 30	Weber Bros. Bakery	Detroit	Baked goods	7	....	7	1	1896
Sept. 25	Weber, Henry G. & Son	Detroit	Baked goods	2	1	3	....	1912
Dec. 29	Weber, J	Detroit	Sheet metal	2	1	3	....	1897
July 23	Weber, J. F. & Co	Detroit	Lumber	60	....	60	....	1863
June 26	Webb Packing Co	Detroit	Meats	18	4	22	....	1910

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Dec. 6	Weber, W.	Detroit	Baked goods	6	....	6	....	1895
Dec. 10	Weber, Wm. & Co	Detroit	Upholstering	4	....	4	1	1888
May 6	Weber, W. H.	Detroit	Auto repairing	6	....	6	....	1902
Nov. 13	Webster & McCausey Lumber & Coal Co	Detroit	Lumber	25	1	26	....	1912
May 19	Wedell & Boers	Detroit	Trunks, etc	7	....	7	....	1905
July 23	Wegener, A. & Sons	Detroit	Soft drinks	33	....	33	....	1870
Sept. 25	Weinberg Garage	Detroit	Auto repairing	3	....	3	....	1912
Oct. 2	Weinberg Motor Co	Detroit	Motor engines	18	....	18	....	1913
Nov. 12	Weir, Thomas	Detroit	Custom clothing	4	3	7	....	1910
Sept. 22	Weisemann, William	Detroit	Baked goods	2	1	3	....	1911
Aug. 1	Welded Steel Barrel Corporation	Detroit	Barrels and tanks	59	2	61	....	1890
Oct. 8	Weller Laundry Co	Detroit	Laundry	14	25	39	....	1913
Dec. 20	Wells, Fred	Detroit	Carriages and wagons	4	....	4	....	1907
May 5	Welsh Bros	Detroit	Brushes	5	....	5	....	1905
Sept. 18	Wenzel, Ernest	Detroit	Plumbing, etc	26	....	26	....	1902
Nov. 18	Wenzel, Paul	Detroit	Plumbing and heating	10	1	11	....	1890
Nov. 18	Wessels, D. D	Detroit	Laundry tubs	16	....	16	....	1909
Sept. 26	West Art Association, The, Ltd	Detroit	Picture frames	6	2	8	....	1901
Sept. 4	West Detroit Times, The	Detroit	Job printing	3	1	4	....	1893
Dec. 19	Westerman, Misses E. & E., The	Detroit	Millinery	....	5	5	....	1908
Oct. 29	Western Electric Co	Detroit	Electric supplies	14	1	15	....	1911
Dec. 3	Western Cut Rate Carpet Cleaning Works	Detroit	Carpet cleaning	8	1	9	....	1905
June 26	Western Newspaper Union	Detroit	Printed matter	27	2	29	....	1870
May 28	Western Paper Box Co., The	Detroit	Paper boxes	9	31	40	4	1890
July 23	West, Frank H	Detroit	Job printing	11	2	13	1	1889
Oct. 23	West Side Brewery Co., Ltd	Detroit	Beer	74	1	75	....	1886
Dec. 20	West Side Clothing Care Co	Detroit	Cleaning, etc	2	1	3	....	1908
Dec. 24	West Side Electric Co	Detroit	Electrical supplies	12	1	13	....	1904
Oct. 7	West Side Iron & Metal Co.	Detroit	Junk	16	....	16	....	1912
Aug. 8	West Side Laundry Co	Detroit	Laundry	12	43	55	2	1905
Aug. 8	West Side Press, The	Detroit	Job printing	1	....	1	....	1906
Dec. 19	West Side Tent & Awning Co	Detroit	Awnings, etc	7	4	11	....	1899
Oct. 13	West Side Upholstering Co	Detroit	Upholstering	2	....	2	....	1901
Aug. 14	Weyermiller & Mueller	Detroit	Furniture	6	....	6	....	1895
June 23	Weyhing Bros. Mfg. Co	Detroit	Jewelry	11	4	15	1	1901
Oct. 29	Wheeler, John	Detroit	Baked goods	3	1	4	....	1911
Oct. 10	Wheel Truing Brake Shoe Co	Detroit	Brake shoes	6	....	6	....	1898
Nov. 19	White Eagle Bakery	Detroit	Baked goods	8	....	8	....	1911
Dec. 23	White & Fisher	Detroit	Plumbing	7	....	7	....	1900
Oct. 3	Whitehead & Kales Iron Works, The	Detroit	Structural iron	217	....	217	....	1885
Nov. 24	White House Bakery, The	Detroit	Baked goods	5	1	6	....	1909
Dec. 11	White Laundry	Detroit	Laundry	3	26	29	....	1908
Dec. 5	White Star Line	Detroit	Boat repairing	28	....	28	....	1900
Dec. 4	White Star Refining Co	Detroit	Oils and grease	13	3	16	....	1910
April 30	White, W. J. & Co	Detroit	Cards	24	27	51	....	1890
May 6	Whitney Painting Co	Detroit	Painting	44	....	44	....	1903
July 18	Whitney Scenic & Costume Co	Detroit	Costumes	3	13	16	....	1909
Oct. 9	Whittaker, John & Co	Detroit	Interior finish	14	1	15	....	1878
Oct. 11	Wilcke-Armstrong Co., The	Detroit	Machinery	5	1	6	....	1911
Dec. 3	Wilkie, C. V. & Son	Detroit	Shirts	2	15	17	....	1905
Nov. 28	Williams Bros. Co., The	Detroit	Food produce	232	264	496	13	1875
Nov. 7	William, Harry	Detroit	Auto wheels	3	....	3	....	1910
July 24	Willing, H. L. Co., The	Detroit	Overalls	7	102	109	....	1901
Dec. 18	Willson & Son	Detroit	Blacksmithing	3	....	3	....	1899
Dec. 29	Wilson, A. R	Detroit	Photographs	3	....	3	....	1911

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
July 25	Wilson Body Co	Detroit	Auto bodies	1,141	4	1,145	....	1899
Nov. 21	Wilson, J. C. Co	Detroit	Auto trimmings	106	13	119	....	1900
May 10	Wilson, J. H. & Son	Detroit	Dairy products	15	1	16	....	1907
Dec. 31	Wilson Millinery	Detroit	Millinery	....	4	4	....	1900
Nov. 10	Wilson Oyster Co	Detroit	Oysters	9	....	9	....	1893
Aug. 28	Wilson, W. T	Detroit	Blacksmithing	3	....	3	....	1899
Sept. 26	Winder Printing Co	Detroit	Job printing	6	3	9	....	1887
May 16	Windisch, Wm. C. Co	Detroit	Job printing	17	24	41	1	1901
Sept. 16	Winstanley, N. E	Detroit	Jewelry	3	....	3	....	1909
Oct. 22	Wine Bros. & Co	Detroit	Caps	16	8	24	....	1901
Dec. 19	Winfield Co	Detroit	Printed matter	13	6	19	....	1905
Aug. 2	Winfield, Henry	Detroit	Carriages, etc	3	....	3	....	.....
April 29	Wing, J. T. & Co	Detroit	Factory supplies	59	....	59	....	1886
Nov. 12	Winkley Co., The	Detroit	Oiling devices	197	28	225	1	.....
Dec. 31	Winterich & Curtis	Detroit	Painting	18	....	18	....	1910
Oct. 10	Winton Motor Car Co., The	Detroit	Automobiles	19	....	19	....	1907
Oct. 30	Witchell-Sheill Co	Detroit	Athletic footwear	76	34	110	6	1906
Oct. 3	Wittelsberger, F. B	Detroit	Baked goods	22	1	23	....	1898
Oct. 28	Witt, Mrs. A	Detroit	Millinery	....	2	2	....	1910
Oct. 24	Wohlgemuth, M. & Son	Detroit	Millinery	3	6	9	....	1885
May 21	Wohnlich, Louis J	Detroit	Instruments	2	....	2	....	1880
Sept. 26	Wolff's Snuff & Tobacco Factory	Detroit	Tobacco and snuff	6	2	8	....	1898
Nov. 10	Wolst Baking Co., Inc	Detroit	Baked goods	9	4	13	1	1912
Aug. 8	Wollenburg, Chas. G	Detroit	Coal and coke	6	1	7	....	1881
Oct. 14	Wolverine Auto Garage	Detroit	Auto repairing	1	....	1	....	1913
June 16	Wolverine Burial Case Co	Detroit	Caskets	10	2	12	....	1897
Oct. 24	Wolverine Cycle Co	Detroit	Bicycle repairing	2	....	2	....	1912
Nov. 1	Wolverine Electric Co., Ltd	Detroit	Electrical supplies	5	....	5	....	1896
May 14	Wolverine Engraving Co	Detroit	Engraving	12	....	12	....	1908
April 30	Wolverine Fish Co	Detroit	Fish	6	....	6	....	1899
July 17	Wolverine Mfg. Co	Detroit	Tables	306	20	326	....	1887
Aug. 29	Wolverine Motor Supplies Co	Detroit	Auto parts	42	1	43	....	1910
Sept. 23	Wolverine Optical Co	Detroit	Optical goods	19	9	28	4	1912
Oct. 17	Wolverine Printing Co	Detroit	Job printing	3	1	4	....	1913
June 3	Wolverine Saw Co	Detroit	Saws	4	....	4	....	1905
Oct. 24	Wolverine Screw Co	Detroit	Screws	14	2	16	1	1909
Aug. 27	Wood, Albert F	Detroit	Toilet specialties	3	22	25	....	1885
Oct. 6	Wood, B. E	Detroit	Millinery	1	2	3	....	1913
Dec. 18	Wood, P. C	Detroit	Blacksmithing	2	....	2	....	1887
Oct. 30	Woodbridge Garage	Detroit	Auto repairing	5	....	5	....	1913
Sept. 26	Woodmere Dry Cleaning & Dye Works	Detroit	Cleaning and dyeing	2	....	2	....	1911
Aug. 16	Woodmere Granite & Marble Works	Detroit	Monuments	3	....	3	....	1911
Oct. 1	Woodward Press	Detroit	Job printing	3	....	3	....	1893
Dec. 31	Woodward Taxicab Co	Detroit	Auto service	10	....	10	....	1911
Aug. 7	Wotske, Frank W	Detroit	Coal and coke	9	1	10	....	1900
July 21	Wright Mfg. Co	Detroit	Low water alarms	3	2	5	....	1907
Oct. 20	Wright, Madame	Detroit	Millinery	....	2	2	....	1910
Dec. 22	Wright, Thos	Detroit	Trucking	10	....	10	....	1894
July 25	Wright, Wm. Co	Detroit	Designing & decorating	74	12	86	....	1885
Dec. 22	Yates, Joseph S	Detroit	Custom clothing	13	5	18	....	1899
July 31	Yates, Jos. S	Detroit	Custom clothing	4	1	5	....	1912
Sept. 12	Yeomans-Diver Co	Detroit	Box shooks	99	1	100	6	1911
Sept. 26	Yipe, M. J	Detroit	Coal, coke, etc	4	....	4	....	1903
Nov. 10	Youngblood's Cleaning Co	Detroit	Cleaning and pressing	7	6	13	....	1911
Nov. 5	Young Bros. Co	Detroit	Sheet metal	54	1	55	....	1896
Oct. 27	Young, J. E. Co	Detroit	Machinery	3	....	3	....	1911
Dec. 4	Young, M. A	Detroit	Auto repairing	11	1	12	....	1900
Dec. 19	Yurkevits, Thomas F	Detroit	Plumbing	13	....	13	....	1907
Oct. 14	Zackem, A	Detroit	Custom clothing	2	1	3	....	1909
Oct. 4	Zander Bros	Detroit	Custom clothing	9	5	14	....	1905

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Dec. 15	Zanditon, Samuel	Detroit	Custom clothing	2	....	2	....	1913
Oct. 28	Zanger, G. W	Detroit	Furs	6	2	8	....	1894
Nov. 28	Zeider, R. A	Detroit	Baked goods	4	1	5	....	1911
Nov. 24	Zeits, John	Detroit	Custom clothing	2	....	2	....	1898
May 13	Zemow, D. S. & Co	Detroit	Ladies' garments	35	30	65	....	1902
Sept. 24	Zenith Carburetor Co	Detroit	Carburetors	50	3	53	1	1911
May 16	Zenith Carburetor Co., The	Detroit	Carburetors	56	3	59	1	1911
June 18	Zenner Disinfectant Co., The	Detroit	Disinfectants	7	5	12	....	1880
May 24	Zerga, Jacob	Detroit	Plumbing	19	....	19	....	1911
Sept. 27	Zimann, F. R	Detroit	Soft drinks	7	....	7	....	1893
Aug. 29	Zindler, Edward & Co	Detroit	Job printing	3	....	3	....	1909
July 31	Ziske, Leo A	Detroit	Upholstering	6	....	6	....	1903
Sept. 22	Zoltowski, Thomas	Detroit	Beer	11	....	11	....	1893
Sept. 29	Zuelch & Zuelch	Detroit	Machine repairing	6	....	6	....	1913
Oct. 9	Zukowski, Felix	Detroit	Auto repairing	4	....	4	....	1909
Dec. 30	Zydek, Andrew	Detroit	Baked goods	2	....	2	....	1911
Aug. 28	Zynda, John	Detroit	Beer	28	....	28	....	1889
Nov. 7	Beaubien Ice & Coal Co., The	Ecorse	Ice, etc	14	....	14	....	1888
Nov. 6	Great Lakes Engineering Works	Ecorse	Ships	584	3	587	....	1903
Nov. 6	Kay Salt Co	Ecorse	Salt	21	....	21	....	1913
Nov. 7	Millenbach Bros. Co	Ecorse	Hides and tallow	37	....	37	....	1893
Nov. 6	Palmer Motor Car Co	Ecorse	Automobiles	40	....	40	....	1913
Nov. 6	Raupp, G. A	Ecorse	Lumber	14	....	14	....	1877
Nov. 6	Worcester Salt Co	Ecorse	Salt	124	9	133	....	1907
Nov. 15	Eloise Hospital Infirmary	Eloise	Laundry	9	20	29	....	1838
Nov. 14	Brandes, Charles	Flat Rock	Blacksmithing	2	....	2	....	1908
Nov. 14	Bryant Bros	Flat Rock	Grain, etc	4	1	5	....	1906
Nov. 14	Bunte Bros	Flat Rock	Brick and tile	12	....	12	....	1906
Nov. 14	Burden, Fred	Flat Rock	Blacksmithing	2	....	2	....	1873
Nov. 14	Metler, Curtis L. & Co.	Flat Rock	Flour and feed	3	....	3	....	1871
Nov. 14	Metler, Curtis L. & Co	Flat Rock	Lumber	6	....	6	....	1886
Nov. 20	Ford, J. B. Co., The	Ford	Soda ash, etc	92	59	151	....	1898
Nov. 20	Michigan Alkali Co	Ford	Soda	44	....	44	....	1897
Nov. 20	Michigan Alkali Co	Ford	Coke	68	....	68	....	1901
Nov. 20	Michigan Alkali Co	Ford	Castings	125	....	125	....	1895
Nov. 20	Michigan Alkali Co	Ford	Soda ash, etc	950	3	953	3	1895
Nov. 24	Detroit Reduction Co	French Landing	Fertilizer	58	....	58	....	1881
Nov. 13	Browne, George E	Greenfield	Flowers	3	....	3	....	1899
Nov. 13	Browne, Thos. F	Greenfield	Flowers	9	2	11	....	1890
Sept. 2	Stock Press Steel Co	Greenfield	Castings	25	....	25	....	1913
Sept. 2	Zagelmeyer Cast Stone Co	Greenfield	Cast stone	25	....	25	....	1911
Oct. 1	Acme White Lead & Color Works	Hamtramck	Paint and varnish	424	113	537	....	1884
Oct. 2	American Pattern Works	Hamtramck	Patterns	27	1	28	....	1911
Oct. 1	Auto City Brewing Co	Hamtramck	Beer	28	....	28	....	1911
Oct. 1	Baker, R. D. Co	Hamtramck	Steel	177	....	177	....	1906
Sept. 30	Briggs Mfg. Co	Hamtramck	Painting and trimming	555	65	620	20	1909
Sept. 29	Brombach & Deering	Hamtramck	Paints, etc	5	....	5	....	1910
Oct. 2	Detroit Body Co	Hamtramck	Auto bodies	121	2	123	....	1885
Oct. 1	Detroit Lumber Co	Hamtramck	Lumber	22	2	24	....	1909
Oct. 2	Dodge Bros	Hamtramck	Auto parts	2,559	15	2,574	2	1903
Oct. 1	East End Construction Co	Hamtramck	Cement blocks	7	....	7	....	1913
Sept. 25	Glass Enameled Package Co., The	Hamtramck	Beer packages	8	1	9	....	1910
Oct. 1	Jeffery-Dewitt Co	Hamtramck	Spark plugs	123	102	225	22	1909
Oct. 2	Keny-Rusch Co	Hamtramck	Cement blocks	11	....	11	....	1912
Oct. 1	Knapp, A. C. Co	Hamtramck	Painting and trimming	31	....	31	....	1912
Sept. 30	Michigan Smelting & Refining Co	Hamtramck	Metals	58	3	61	....	1904
Sept. 30	Mistele, G. Coal Co	Hamtramck	Coal	6	....	6	....	1906
Oct. 2	Nelson-Blanck Mfg. Co	Hamtramck	Drill heads	28	....	28	....	1909
Sept. 29	Swedish Crucible Steel Co	Hamtramck	Castings	54	....	54	....	1911
Oct. 1	Universal Brass Works	Hamtramck	Castings	10	1	11	2	1913

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Factory Inspection.—Continued.

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	WAYNE CO.—*Con.*							
Nov 26	Braun Lumber Co	Highland Park	Lumber	21	1	22	....	1908
Nov. 25	Ford Motor Co	Highland Park	Automobiles	13,730	370	14,100	....	1903
Nov. 26	Harding, H. W. Lumber Co	Highland Park	Lumber	38	2	40	....	1907
Nov. 26	Little, C. H. Co., The	Highland Park	Builders' supplies	21	....	21	....	1903
Sept. 25	Detroit United Railway	Leesville	Car repairing	39	....	39	....	.....
Sept. 25	Dreher & Toll	Leesville	Coal and wood	8	....	8	....	1913
Sept. 25	Garrison, Z. E	Leesville	Woodworking	3	....	3	....	1888
Sept. 25	Gratiot Lumber & Coal Co	Leesville	Lumber and coal	19	....	19	....	1909
Sept. 25	Little, C. H. Co., The	Leesville	Builders' supplies	7	....	7	....	1910
Nov. 21	American Bell & Foundry Co	Northville	Castings	40	....	40	....	1899
Nov. 21	Globe Furniture Co., Ltd	Northville	Furniture	41	....	41	....	1902
Nov. 21	Litsenberger, S	Northville	Blacksmithing	3	....	3	....	1912
Nov. 21	Michigan State Telephone Co	Northville	Telephone service	5	8	13	....	1913
Nov. 21	Neal Printing Co	Northville	Printed matter	2	2	4	....	1869
Nov. 21	Northville Garage Supply Co	Northville	Auto repairing	3	....	3	....	1911
Nov. 21	Northville Milling Co	Northville	Flour	5	....	5	....	1901
Nov. 21	Peerless Steam Laundry	Northville	Laundry	1	3	4	....	1897
Nov. 21	Stimpson Scale & Electric Co., The	Northville	Scales	69	2	71	....	1903
Nov. 21	Superior Churn & Mfg. Co	Northville	Churns	3	....	3	....	1910
Nov. 21	Union Mfg. & Lumber Co	Northville	Lumber	32	....	32	....	1905
Nov. 21	Village of Northville Lighting Plant	Northville	Electricity	5	....	5	....	1900
Nov. 26	Bennett Mfg. Co	Plymouth	Toys, etc	9	15	24	....	1911
Nov. 25	Bonafide Mfg. Co	Plymouth	Fish spears	6	....	6	....	1910
Nov. 26	Daisy Mfg. Co., Inc	Plymouth	Air rifles	161	11	172	....	1889
Nov. 25	Detroit Creamery Co	Plymouth	Dairy products	4	....	4	....	1903
Nov. 26	Hamilton, C. J. & Son	Plymouth	Rifles	19	1	20	....	1899
Nov. 25	Heide, C	Plymouth	Flowers	3	....	3	....	1903
Nov. 25	International Milk Products Co	Plymouth	Milk produce	4	....	4	....	1907
Nov. 25	McLaren, J. D. Co., Inc	Plymouth	Baked goods	2	1	3	....	1870
Nov. 26	Markham Air Rifle Co., The	Plymouth	Air rifles	127	19	146	....	1886
Nov. 26	Plymouth Electric Light Plant	Plymouth	Electricity	3	....	3	....	1903
Nov. 25	Plymouth Lumber & Coal Co	Plymouth	Lumber, etc	5	....	5	....	1908
Nov. 25	Plymouth Milling Co	Plymouth	Flour	3	....	3	....	1875
Nov. 26	Plymouth Star Cash Laundry	Plymouth	Laundry	2	1	3	....	1894
Nov. 26	Samsen, F. W	Plymouth	Printed matter	2	1	3	....	1883
Nov. 26	Vaughan, Wm. W. Co	Plymouth	Table condiments	6	....	6	....	1909
Nov. 13	Avenue Home Bakery	Redford	Baked goods	2	1	3	....	1906
Nov. 13	Otis, Amos	Redford	Lumber	2	....	2	....	1910
Nov. 13	Redford Lumber Co	Redford	Lumber and coal	6	....	6	....	1913
Nov. 13	Redford Roller Mills	Redford	Flour	3	....	3	....	1907
Nov. 13	Ward, F. H	Redford	Blacksmithing	2	....	2	....	1907
Nov. 13	Wusthoff & Baker	Redford	Blacksmithing	3	....	3	....	1901
Nov. 11	Brownlee Co., The	River Rouge	Lumber	103	3	106	....	1870
Oct. 20	Cabanau & Son	River Rouge	Blacksmithing	3	....	3	....	1905
Nov. 8	Calvert's, J. Sons	River Rouge	Builders' supplies	7	....	7	....	1912
Nov. 11	Campbell, Wm. E	River Rouge	Plumbing	6	....	6	....	1909
Nov. 11	Detroit Bridge & Steel Works	River Rouge	Bridges	116	....	116	....	1910
Nov. 11	Dunbar Stone Co	River Rouge	Crushed stone	17	....	17	....	1908
Nov. 11	Dunbar & Sullivan Dredging Co	River Rouge	Machine repairing	5	....	5	....	1913
Nov. 11	Dwight Lumber Co	River Rouge	Lumber	278	8	286	....	1866
Nov. 7	Higgins Bros	River Rouge	Interior finish	14	....	14	....	1912
Nov. 7	Meyer, R. M	River Rouge	Builders' supplies	11	....	11	....	1903
Nov. 5	Perfection Mfg. Co	River Rouge	Toothpicks	14	22	36	....	1898
Oct. 20	Rennie Ice & Coal Co., The	River Rouge	Coal, wood, etc	8	1	9	....	1910
Oct. 22	River Rouge Lighting Station	River Rouge	Electricity	3	....	3	....	1903
Nov. 8	Salliotte Coal & Lumber Co	River Rouge	Lumber	5	1	6	....	1905
Nov. 11	Standard Oil Co	River Rouge	Oil	8	....	8	....	1910
Nov. 11	Worricks Garage	River Rouge	Auto repairing	3	....	3	....	1913
Nov. 12	American Silica Co	Rockwood	Sand	21	....	21	....	1906
Nov. 12	Baumeister, F. & Son	Rockwood	Baskets	12	....	12	....	1872

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Nov. 12	Metzger, Chas	Rockwood	Baskets	3	....	3	....	1891
Nov. 10	Kingsley & Taylor	Romulus	Builders' supplies	3	....	3	....	1894
Nov. 10	Seestedt, Henry	Romulus	Castings	26	....	26	....	1906
Nov 19	Church Brick Co	Sibley	Brick	49	1	50	....	1905
Nov 19	Church-Field Motor Co	Sibley	Automobiles	3	....	3	....	1911
Nov 19	Church Quarry Co	Sibley	Dairy products	9	....	9	....	1911
Nov. 20	Solvay Process Co	Sibley	Stone	277	....	277	....	1912
Sept. 23	Clippert, Geo. H. & Bros. Brick Co	Springwells	Brick	48	1	49	....	1900
Sept. 23	Clippert, Geo. H. & Bros. Brick Co	Springwells	Brick	59	....	59	....	1908
Sept. 23	Clippert, Geo. H. & Bros. Brick Co	Springwells	Brick	17	....	17	....	1903
Sept. 24	Clippert, William	Springwells	Brick	67	....	67	....	1910
Sept. 23	Daniel, Jacob & Bros. Brick Co	Springwells	Brick	26	....	26	....	1900
Sept. 26	Detroit Rock Salt Co	Springwells	Salt	127	1	128	....	1909
Sept. 24	Detroit Roofing & Tile Co	Springwells	Roofing tile	55	....	55	4	1906
Sept. 22	Haggerty, John S	Springwells	Brick	51	....	51	....	1889
Sept. 22	Haggerty, J. S	Springwells	Brick	51	....	51	....	1889
Sept. 24	Lonyo Brick Co	Springwells	Brick	25	....	25	....	1908
Sept. 24	Lonyo Brick Co	Springwells	Brick	26	....	26	....	1907
Sept. 24	Lonyo Brick Co	Springwells	Brick	26	2	28	....	1908
Sept. 22	Lonyo Brick Co	Springwells	Brick	42	....	42	....	1883
Sept. 9	Lonyo Brick Co	Springwells	Brick	38	....	38	2	1906
Sept. 18	McDonald, J. C. & Son	Springwells	Brick and tile	50	....	50	....	1881
Sept. 26	Mulky Salt Co	Springwells	Salt	84	3	87	....	1912
Sept. 22	Porath Bros	Springwells	Brick	27	....	27	....	1902
Sept. 24	Schneider Brick Co	Springwells	Brick	21	....	21	....	1902
Sept. 24	Walker & Frank Brick Co	Springwells	Brick	45	....	45	....	1912
Sept. 24	Wolf, F. H. Brick Co., The	Springwells	Brick	41	....	41	....	1891
Nov. 19	Challenge Envelope Co	Trenton	Envelopes and tags	2	7	9	....	1911
Nov. 19	Detroit United Railway	Trenton	Car repairing	6	....	6	....	1905
Nov. 19	Discher, J. D	Trenton	Meats	3	....	3	....	1904
Nov. 19	Eastern Michigan Edison Co	Trenton	Light and water	6	....	6	....	1905
Nov. 19	Mans, M. A	Trenton	Lumber	4	1	5	....	1900
Nov. 19	Teifer, J	Trenton	Meats	3	....	3	....	1883
Nov. 18	Eastern Michigan Edison Co	Wayne	Electricity	7	....	7	....	1907
Nov. 18	Kingsbury, C. H. & Co	Wayne	Hardware	2	....	2	....	1890
Nov. 18	Prouty & Glass Carriage Co	Wayne	Carriages and sleighs	124	6	130	....	1889
Nov. 18	Smith, Lee	Wayne	Blacksmithing	2	....	2	....	1898
Nov. 18	Wayne Garage, The	Wayne	Auto repairing	2	....	2	....	1913
Nov. 18	Wayne Milling & Produce Co	Wayne	Flour and feed	4	....	4	....	1895
Dec. 5	Amiot, Hubert S	Wyandotte	Cleaning, etc	4	....	4	....	1910
Nov. 28	Beals & Selkirk Trunk Co., The	Wyandotte	Trunks, bags, etc	162	42	204	9	1884
Dec. 6	Bigler, Wm. H	Wyandotte	Meats	5	....	5	....	1909
Dec. 1	Bishop, J. H. Co., The	Wyandotte	Fur goods	111	57	168	....	1874
Nov. 28	Brohl, George	Wyandotte	Baked goods	2	1	3	....	1900
Nov. 29	Brohl, Joseph	Wyandotte	Baked goods	2	1	3	....	1902
Nov. 29	Byran Boat Works, The	Wyandotte	Boats	5	....	5	....	1904
Nov. 29	Caspers, Frank	Wyandotte	Furs	1	4	5	....	1900
Nov. 28	Cassidy Coal Co	Wyandotte	Coal, wood, etc	4	....	4	....	1899
Dec. 3	Detroit River Boat & Oar Co., The	Wyandotte	Boats	4	....	4	....	1895
Dec. 3	Detroit Shipbuilding Co	Wyandotte	Ships	415	....	415	....	1871
Nov. 28	Detroit Valve & Fittings Co	Wyandotte	Valves, etc	206	21	227	....	1908
Dec. 4	Detroit Wyandotte Motor Co	Wyandotte	Motor trucks	51	4	55	....	1912
Dec. 6	Dodds, Wm	Wyandotte	Blacksmithing	2	....	2	....	1890
Dec. 2	Eberts Bros. Co	Wyandotte	Building material	19	2	21	....	1910
Dec. 2	Flumerfelt, William H	Wyandotte	Water	2	....	2	....	1910
Nov. 28	Furgason Lumber Co	Wyandotte	Lumber	5	....	5	....	1897
Nov. 29	Furgason Lumber Co	Wyandotte	Lumber	2	....	2	....	1908
Dec. 6	Girardin, Joseph	Wyandotte	Wagons, etc	3	....	3	....	1866
Dec. 5	Goldgleid, Morris	Wyandotte	Upholstering	4	....	4	....	1912
Dec. 5	Gray, Theo. C	Wyandotte	Flour and feed	4	....	4	....	1893

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WAYNE CO.—*Con.*							
Dec. 5	Haven, J. D.	Wyandotte	Job printing	4	1	5	....	1879
Nov. 28	Kurzontkowski, Roman	Wyandotte	Baked goods	4	....	4	....	1899
Nov. 29	Lifdle & Cook	Wyandotte	Coal, wood, etc	4	....	4	....	1912
Dec. 6	Lynch & Ginzel	Wyandotte	Furniture	5	....	5	....	1905
Dec. 5	Marx Brewing Co	Wyandotte	Beer	42	1	43	....	1854
Dec. 1	Michigan Alkali Co	Wyandotte	Soda ash	155	1	156	1	1891
Dec. 1	Michigan Alkali Co	Wyandotte	Caustic soda	306	1	307	....	1897
Dec. 5	Michigan State Telephone Co	Wyandotte	Telephone service	5	17	22	....	1878
Dec. 2	Miller, L. P.	Wyandotte	Wagons, etc	2	....	2	....	1903
Nov. 28	Mellerowicz, Felix	Wyandotte	Baked goods	3	....	3	....	1909
Dec. 6	Merritt, W. H.	Wyandotte	Harness	2	....	2	....	1900
Dec. 4	Morris, Birnbaum & Co	Wyandotte	Junk	2	....	2	....	1906
Dec. 2	Niagara Laundry	Wyandotte	Laundry	8	10	18	1	1905
Dec. 4	Ososkie, M	Wyandotte	Coal and wood	4	....	4	....	1906
Dec. 4	Pardo's Garage	Wyandotte	Auto repairing	4	....	4	....	1911
Dec. 3	Pennsylvania Salt Mfg. Co	Wyandotte	Soda and salt	681	15	696	....	1901
Dec. 5	Pratt & Begeman	Wyandotte	Auto repairing	3	....	3	....	1913
Nov. 29	Schults, C. F.	Wyandotte	Soft drinks	2	....	2	....	1887
Dec. 5	Simmlir, C	Wyandotte	Custom clothing	2	1	3	....	1900
Nov. 28	Star Bottling Works	Wyandotte	Soft drinks	5	....	5	....	1903
Dec. 6	Suburban Sheet Metal Works	Wyandotte	Sheet metal	6	1	7	....	1913
Dec. 2	Sullivan, Miss M	Wyandotte	Millinery	.....	2	2	....	1893
Dec. 6	Tacke, Minnie	Wyandotte	Meats	3	1	4	....	1883
Dec. 4	Tilden Saw Co	Wyandotte	Saws, etc	8	13	21	....	1905
Dec. 3	Voss, John H. Chemical Co., The	Wyandotte	Sal soda	8	2	10	....	1911
Dec. 5	Wyandotte Auto Co	Wyandotte	Auto repairing	8	1	9	....	1913
Dec. 4	Wyandotte Foundry Co	Wyandotte	Castings	27	....	27	....	1909
Dec. 1	Wyandotte Portland Cement Co	Wyandotte	Cement	99	....	99	....	1903
Dec. 5	Wyandotte Record, The	Wyandotte	Printed matter	2	....	2	....	1893
Dec. 4	Wyandotte Sheet Metal Works	Wyandotte	Sheet metal	14	1	15	....	1912
Dec. 1	Wyandotte Water & Electric Light Plant	Wyandotte	Light and water	15	....	15	....	1889
Nov. 28	Wyandotte Whiting Co	Wyandotte	Whiting	7	....	7	....	1908
Nov. 5	Detroit Iron & Steel Co	Zug Island	Pig iron	339	....	339	....	1902
Nov. 5	France Slag Co	Zug Island	Slag	18	....	18	....	1910
	WEXFORD COUNTY.							
Oct. 30	Buckley Enterprise	Buckley	Printed matter	1	1	2	....	1907
Oct. 27	Ann Arbor Railroad Co	Cadillac	Car repairing	8	....	8	....	.....
Oct. 24	Bowen, E. I.	Cadillac	Custom clothing	2	1	3	....	1891
Oct. 25	Cadillac Bakery	Cadillac	Baked goods	2	1	3	....	1910
Oct. 23	Cadillac Boiler Works, The	Cadillac	Boilers	5	....	5	....	1907
Oct. 27	Cadillac Bottling Works	Cadillac	Soft drinks	2	....	2	....	1903
Oct. 24	Cadillac Cabinet & Construction Co	Cadillac	Building supplies	45	....	45	....	1908
Oct. 28	Cadillac Chair Co	Cadillac	Chairs	102	13	115	1	1912
Oct. 24	Cadillac Chemical Co., The	Cadillac	Chemicals	49	....	49	....	1901
Oct. 23	Cadillac Chemical Co	Cadillac	Chemicals	47	....	47	....	1905
Oct. 22	Cadillac Electric Mfg. Co	Cadillac	Heating devices	2	1	3	....	1910
Oct. 25	Cadillac Evening News, The	Cadillac	Printed matter	15	2	17	....	1871
Oct. 23	Cadillac Gas Light Co	Cadillac	Gas	10	1	11	....	1892
Oct. 23	Cadillac General Delivery Co	Cadillac	Delivery service	12	....	12	....	1908
Oct. 27	Cadillac Handle Co., The	Cadillac	Handles	68	1	69	....	1894
Oct. 22	Cadillac Ice Cream Co	Cadillac	Dairy products	7	2	9	....	1904
Oct. 22	Cadillac Ice Cream Co	Cadillac	Ice cream	2	1	3	....	1912
Oct. 24	Cadillac Lumber Co	Cadillac	Dressed lumber	21	....	21	....	1906
Oct. 23	Cadillac Machine Co	Cadillac	Machinery	51	....	51	....	.....
Oct. 25	Cadillac Plumbing & Heating Co	Cadillac	Plumbing	10	1	11	....	1908

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Factory Inspection.—Continued.

Date of inspection.	Names of establishments.	Where located.	Goods manufactured or handled.	Number males employed.	Number females employed.	Whole number employed.	Number under 16 years of age.	Year business was established.
	WEXFORD CO.—*Con.*							
Oct. 22	Cadillac Steam Laundry	Cadillac	Laundry	6	13	19	....	1884
Oct. 27	Cadillac Turpentine Co	Cadillac	Turpentine	29	....	29	....	1909
Oct. 27	Cadillac Veneer Co., The	Cadillac	Veneer, etc	79	14	93	1	1904
Oct. 24	Cadillac Water & Light Co	Cadillac	Light and water	23	2	25	....	1887
Oct. 31	Citizens Telephone Co	Cadillac	Telephone service	7	24	31	....	.....
Oct. 23	City of Quality Bakery, The	Cadillac	Baked goods	4	....	4	....	1910
Oct. 23	Cobbs & Mitchell, Inc	Cadillac	Flooring	70	....	70	....	1899
Oct. 23	Cobbs & Mitchell, Inc	Cadillac	Lumber	60	....	60	....	.....
Oct. 23	Cobbs & Mitchell, Inc	Cadillac	Lumber	121	2	123	....	.....
Oct. 22	Cornwell, J. & Sons	Cadillac	Flour and feed	6	....	6	....	1872
Oct. 24	Cummer-Diggins Co	Cadillac	Dressed lumber	68	....	68	1	1892
Oct. 24	Cummer-Diggins Co	Cadillac	Lumber	78	....	78	....	1892
Oct. 27	Cummer Mfg. Co	Cadillac	Crates	47	13	60	5	1902
Oct. 22	Dersch, Albert G	Cadillac	Cigars	3	....	3	....	1911
Oct. 24	Drury & Kelley	Cadillac	Hardware	16	....	16	....	1880
Oct. 25	Eagle, Mrs. E. C	Cadillac	Millinery	.....	6	6	....	1906
Oct. 23	Graham, Geo. F	Cadillac	Blacksmithing	3	....	3	....	1905
Oct. 24	Grand Rapids & Indiana Railway	Cadillac	Car repairing	45	....	45	....	1911
Oct. 27	Grice & Olson	Cadillac	Flour and feed	3	....	3	....	1903
Oct. 28	Hansen, Miss Madeline	Cadillac	Dressmaking	.....	8	8	....	1909
Oct. 28	Harvey, J. W.	Cadillac	Millinery	1	3	4	....	1905
Oct. 23	Haynes Bros. Co	Cadillac	Dressed lumber	29	....	29	....	1883
Oct. 25	Joseph & Lindquist	Cadillac	Millinery	.....	5	5	....	1913
Oct. 22	Kelleher, D	Cadillac	Blacksmithing	2	....	2	....	1885
Oct. 23	Kunze, O. C. & Sons	Cadillac	Harness	3	....	3	....	1912
Oct. 27	Merrill, W. A	Cadillac	Building supplies	5	1	6	....	1907
Oct. 25	Mitchell-Diggins Iron Co	Cadillac	Pig iron	58	....	58	....	1906
Oct. 22	Michigan Motor Car Sales Co	Cadillac	Auto repairing	5	....	5	....	1909
Oct. 31	Michigan State Telephone Co	Cadillac	Telephone service	9	9	18	....	1879
Oct. 24	Murphy & Diggins	Cadillac	Lumber	55	....	55	....	.....
Oct. 25	Nordstrom, N. P	Cadillac	Plumbing	5	....	5	....	1893
Oct. 23	Northrup, M	Cadillac	Harness	2	....	2	....	1912
Oct. 23	Nystrom & Sons	Cadillac	Baked goods	4	1	5	....	1911
Oct. 28	Owens, Miss Sarah	Cadillac	Millinery	.....	5	5	....	1908
Oct. 25	Rathman, A. & Son	Cadillac	Baked goods	4	2	6	....	1888
Oct. 22	Ricker & Dinsen	Cadillac	Blacksmithing	3	....	3	....	1910
Oct. 24	Seeley's Steam Dyeing & Cleaning Wks	Cadillac	Dyeing, etc	2	1	3	....	1908
Oct. 24	Simmons, V. L. R	Cadillac	Printed matter	4	4	8	....	1910
Oct. 24	St. Johns Table Co	Cadillac	Tables	176	4	180	1	1906
Oct. 24	Standard Oil Co	Cadillac	Oils	3	....	3	....	1879
Oct. 27	Stewart, G. C. Fuel & Supply Co	Cadillac	Ice, coal, etc	10	....	10	....	1900
Oct. 24	Stickle & Lundgren	Cadillac	Custom clothing	2	1	3	....	1897
Oct. 22	"Stix" Cigar Factory, The	Cadillac	Cigars	2	1	3	....	1906
Oct. 23	Swift & Co	Cadillac	Produce	2	....	2	....	1912
Oct. 22	Torrey, Nelson R	Cadillac	Monuments	5	....	5	....	1893
Oct. 22	Wexford-Cadillac Auto Co., Inc., The	Cadillac	Auto repairing	5	1	6	....	1910
Oct. 28	Williams Bros. Co	Cadillac	Lumber	74	....	74	....	1903
Oct. 30	Glengarry Upholstering Co	Glengarry	Furniture	56	26	82	....	1910
Oct. 28	Inman & Northrup	Manton	Lumber	6	....	6	....	1908
Oct. 28	Judd, L. B	Manton	Produce	4	....	4	....	1910
Oct. 28	Manton Light & Power Co	Manton	Light and power	3	....	3	....	1893
Oct. 28	Manton Mills	Manton	Produce	7	....	7	....	1893
Oct. 28	Manton Produce Co	Manton	Produce	3	1	4	....	1902
Oct. 28	Manton Weekly Tribune-Record	Manton	Printed matter	2	2	4	....	1878
Oct. 28	Rudell Creamery	Manton	Dairy products	3	....	3	....	1908
Oct. 28	Starks, L. Co	Manton	Produce	3	....	3	....	.....
Oct. 28	Waters & McGregor	Manton	Plumbing	5	....	5	....	1912
Oct. 30	Mesick Grain Co	Mesick	Flour, feed, etc	2	16	18	....	1912
Oct. 30	Mesick Sun-Pioneer	Mesick	Printed matter	2	....	2	....	1901
Oct. 30	Wexford County Mills	Sherman	Flour and feed	2	....	2	....	1878

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Names of establishments not classified.

	Berrien County.							
Oct. 27	Buchanan Garage	Buchanan	Auto repairing	3	....	3	....	1912
	Charlevoix County.							
May 26	Cobbs & Mitchell	Boyne Falls	Track repairing	12	....	12	....	1900
May 26	Hankey Milling Co	Boyne Falls	Flour, feed, etc	4	....	4	....	1895
May 26	Burdo, S. J	Boyne Falls	Meats	3	....	3	....	1911
May 26	Meyer, H. C	Boyne Falls	Hardware	4	....	4	....	1905
May 26	Nelson, Tom	Boyne Falls	Blacksmithing	2	....	2	....	1912
May 26	Williams Electric Light Co	Boyne Falls	Electricity	1	....	1	....	1905
May 27	Northern Lime Co	Superior	Lime	24	....	24	....	1913
	Chippewa County.							
Oct. 6	Williams, C. E	Rudyard	Shingles	8	....	8	....	1912
	Gratiot County.							
Dec. 2	Mertz, Wm	Middleton	Blacksmithing	2	....	2	....	1912
	Jackson County.							
Oct. 31	Crystal Creamery	Concord	Dairy products	3	....	3	....	1907
Oct. 31	Concord Independent	Concord	Printed matter	2	1	3	....	1899
	Kent County.							
Oct. 1	Largeris, H. H. D	Grand Rapids	Job printing	3	....	3	....	1893
	Ionia County.							
Dec. 10	Clarksville Cooperative Creamery Co.	Clarksville	Dairy products	2	....	2	....	1911
Dec. 5	Morgan, Judson	Orleans	Blacksmithing	2	....	2	....	.....
	Lenawee County.							
Nov. 29	Lenawee County Gas & Electric Co	Adrian	Gas	23	1	24	....	1856

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Statistics of forty-six leading cities.

Names of cities.	Number factories inspected.	Number male adults employed.	Average daily wages.	Number female adults employed.	Average daily wages.	Number boys under 16 years of age.	Average daily wages.	Number girls under 16 years of age.	Average daily wages.	Whole number of employes.	Average daily wages.	Aggregate daily wages.
Adrian	47	1,103	$1 66	289	$1 22	6	$0 75	.....	.....	1,688	$1 83	$3,041 24
Albion	48	1,030	2 20	89	1 17	11	1 40	.....	.....	1,351	2 20	2,865 73
Alpena	91	1,721	2 06	245	86	3	58	.....	.....	2,213	1 98	4,194 74
Ann Arbor	64	773	2 36	188	1 45	.....	.....	.....	.....	1,144	2 28	2,554 06
Battle Creek	273	4,989	2 56	932	1 37	21	81	12	$0 96	7,369	2 50	17,859 73
Bay City	428	8,143	2 26	1,214	1 15	120	95	38	1 00	11,169	2 19	23,466 07
Benton Harbor	61	1,115	2 18	189	1 18	11	93	1	75	1,586	2 19	3,323 29
Bessemer	21	434	2 64	.....	.....	2	34	.....	.....	494	2 90	1,274 92
Cadillac	66	1,392	2 08	109	1 20	9	1 15	.....	.....	1,742	2 18	3,675 86
Calumet	51	465	2 59	44	1 11	.....	.....	.....	.....	636	2 62	1,545 94
Cheboygan	44	754	2 10	41	1 04	1	85	.....	.....	914	2 12	1,834 61
Coldwater	58	557	2 00	48	1 12	18	1 03	.....	.....	799	2 01	1,486 52
Detroit	2,684	113,575	2 72	22,468	1 47	1,037	1 19	891	92	156,687	2 60	401,357 69
Escanaba	49	603	2 28	195	93	3	50	.....	.....	995	2 07	1,972 05
Flint	110	7,809	2 83	474	1 42	17	1 26	.....	.....	9,435	2 80	26,188 43
Grand Rapids	649	19,075	2 26	3,753	1 21	180	1 01	67	73	26,648	2 21	58,079 57
Greenville	55	648	1 86	99	1 04	1	75	.....	.....	854	1 59	1,481 41
Hancock	24	1,982	2 52	23	1 39	2	75	.....	.....	2,223	2 60	5,759 52
Holland	64	2,059	2 25	352	1 12	49	96	40	85	2,795	2 16	5,940 74
Ionia	67	1,244	2 48	194	1 13	1	50	.....	.....	1,632	2 38	3,730 12
Iron Mountain	40	1,208	2 59	25	90	1	35	1	1 00	1,348	2 62	3,434 07
Iron River	37	1,656	2 69	21	1 08	.....	.....	.....	.....	1,825	2 75	4,957 11
Ironwood	54	3,691	2 02	24	1 05	1	1 00	.....	.....	4,012	2 11	8,345 95
Ishpeming	61	1,972	2 55	42	1 37	1	50	.....	.....	2,280	2 61	5,823 40
Jackson	210	4,066	2 52	1,528	1 34	43	37	15	1 25	6,712	2 28	14,809 65
Kalamazoo	272	5,588	2 34	1,990	1 31	44	96	19	90	9,016	2 25	19,920 62
Lansing	248	7,342	2 43	645	1 36	.....	.....	20	1 15	9,275	2 46	22,296 68
Ludington	65	1,201	1 97	206	1 18	1	90	.....	.....	1,645	2 00	3,178 13
Manistee	64	1,756	1 95	72	1 01	23	81	30	70	2,112	1 99	4,089 44
Marquette	86	1,284	2 23	37	1 34	5	50	.....	.....	1,627	2 29	3,554 90
Menominee	59	1,517	2 06	121	81	20	1 01	8	1 00	1,901	2 05	3,795 42
Mt. Clemens	63	830	2 13	59	1 27	1	50	1	20	1,045	2 17	2,143 20
Mt. Pleasant	48	272	1 90	66	1 07	.....	.....	.....	.....	438	1 88	742 74
Muskegon	167	4,567	2 26	768	1 21	35	99	13	81	6,214	2 19	13,255 84
Negaunee	40	1,824	2 47	12	1 54	2	87	.....	.....	2,021	2 54	5,061 59
Niles	34	756	2 22	131	1 11	2	75	.....	.....	1,195	2 22	2,609 70
Owosso	96	1,572	2 18	265	1 21	2	84	.....	.....	2,164	2 10	4,355 91
Petoskey	70	671	2 07	54	1 27	1	75	1	1 00	880	2 10	1,720 51
Pontiac	100	3,114	2 61	208	1 55	2	1 37	1	1 00	3,987	2 95	11,581 10
Port Huron	161	2,558	2 42	536	1 15	3	45	2	1 00	3,633	2 29	8,007 33
Saginaw	477	7,713	2 17	1,711	1 26	50	92	21	81	11,363	2 15	23,554 15
St. Johns	45	176	2 11	102	1 08	.....	.....	.....	.....	369	1 79	570 46
St. Joseph	29	604	1 90	489	1 31	10	94	18	72	1,269	1 77	2,247 43
Sault Ste. Marie	59	2,352	2 49	141	1 40	3	86	1	50	2,776	2 67	6,905 85
Traverse City	82	935	2 00	404	1 02	5	96	3	1 00	1,589	1 85	2,781 10
Wyandotte	53	2,247	2 23	164	1 17	9	84	3	81	2,653	2 24	5,842 38

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Summary of inspec

Names of counties where factories and work-shops are located.	Number of establishments.	Number superintendents.	Average daily wages.	Number foremen.	Average daily wages.	Number males, office employes.	Average daily wages.	Number females, office employes.	Average daily wages.	Number adult male factory employes.	Average daily wages.
Alcona	16	17	$2 83	4	$2 37	2	.....	1	$1 50	40	$1 78
Alger	35	42	5 35	27	3 19	44	$3 68	10	1 64	695	2 17
Allegan	118	126	3 22	73	2 77	34	2 86	36	1 56	1,212	2 04
Alpena	91	98	3 62	81	3 28	40	4 49	25	1 65	1,721	2 06
Antrim	51	56	2 20	38	3 26	13	2 71	3	1 25	831	1 87
Arenac	31	32	2 50	5	2 12	4	1 91	7	1 00	106	1 95
Baraga	15	18	4 34	12	3 09	3	3 40	1	2 00	434	2 34
Barry	82	101	4 06	47	3 36	28	3 47	31	1 47	724	1 99
Bay	468	527	5 41	384	3 40	458	2 86	348	1 65	8,313	2 25
Benzie	20	23	3 78	15	2 84	8	2 27	3	1 71	318	1 78
Berrien	199	221	4 67	148	3 40	209	3 73	311	1 91	3,136	2 12
Branch	81	100	4 35	78	2 76	37	2 83	30	1 28	872	2 02
Calhoun	400	483	5 34	361	3 42	505	3 41	501	1 74	6,396	2 49
Cass	65	76	3 31	44	2 94	43	6 08	24	1 73	1,167	2 28
Charlevoix	109	109	4 69	88	3 18	37	3 15	31	1 63	2,867	2 07
Cheboygan	56	59	4 42	36	2 81	26	3 08	14	1 95	885	2 10
Chippewa	87	87	5 36	119	3 97	86	3 72	53	1 82	3,220	2 44
Clare	33	34	3 18	8	2 56	1	.....	10	1 38	87	1 96
Clinton	116	135	3 45	24	2 63	9	2 31	22	1 53	281	2 04
Crawford	17	15	3 86	17	3 61	19	2 52	5	1 62	457	2 20
Delta	66	71	4 92	46	3 29	45	3 92	29	1 43	1,143	2 28
Dickinson	57	64	4 81	79	4 92	34	3 57	10	1 22	2,331	2 58
Eaton	134	152	3 49	62	2 99	29	2 90	40	1 50	1,024	2 11
Emmet	105	109	4 19	61	3 20	34	2 94	36	1 88	1,468	2 12
Genesee	180	215	5 53	358	3 71	437	3 15	222	1 73	8,060	2 82
Gladwin	29	37	2 52	5	2 37	1	.....	4	1 12	55	1 82
Gogebic	89	99	6 10	180	3 81	88	3 04	33	1 68	4,981	2 18
Grand Traverse	90	100	4 72	84	3 03	31	3 70	43	1 61	1,078	2 00
Gratiot	124	137	3 61	38	2 64	29	3 04	33	1 73	703	2 02
Hillsdale	70	86	3 25	43	2 96	24	4 23	24	1 97	605	2 04
Houghton	155	182	5 66	305	4 07	237	3 34	46	1 69	5,608	2 44
Huron	107	113	3 68	42	2 45	29	2 68	20	1 41	889	1 90
Ingham	301	348	5 00	347	3 59	400	3 49	274	1 91	7,432	2 43
Ionia	211	271	4 70	119	3 39	66	3 27	65	1 54	2,128	2 22
Iosco	29	33	5 00	35	3 52	17	2 90	4	1 12	514	2 45
Iron	63	72	6 96	111	3 77	62	3 42	13	1 33	2,958	2 67
Isabella	75	83	3 96	16	2 54	13	2 72	24	1 64	299	1 91
Jackson	235	278	5 48	201	3 63	347	3 42	263	1 76	4,109	2 51
Kalamazoo	325	397	5 99	333	3 74	389	3 85	360	1 80	5,862	2 32
Kalkaska	19	20	2 66	3	3 87	4	2 50	2	1 00	95	2 11
Kent	736	734	5 78	997	3 66	1,086	3 55	937	1 78	19,969	2 21
Keweenaw	6	6	8 55	34	3 99	15	3 40	.....	.....	1,514	2 70
Lake	7	6	.....	1	2 00	1	1 75	1	.....	11	1 44
Lapeer	58	59	3 07	9	2 62	1	3 00	16	1 12	177	2 05
Leelanau	18	22	3 41	4	3 12	4	2 63	.....	.....	205	1 92
Lenawee	124	144	4 60	134	3 01	124	3 93	95	1 61	2,083	1 87
Livingston	44	52	2 41	15	2 50	4	2 13	4	1 30	137	2 22
Luce	10	8	6 66	9	3 94	10	2 92	2	2 45	377	2 29
Mackinac	41	42	3 94	33	3 20	16	2 58	13	1 22	691	2 26
Macomb	143	147	3 87	57	2 96	49	3 08	23	1 41	1,172	2 14
Manistee	89	102	5 35	107	3 21	56	3 91	42	1 36	2,549	1 96
Marquette	202	248	4 72	238	3 51	296	3 41	87	1 39	6,192	2 42
Mason	78	91	4 01	62	3 33	47	4 35	61	1 64	1,296	1 96
Mecosta	56	47	3 92	15	2 87	28	2 59	17	1 64	492	1 84
Menominee	79	86	4 97	76	3 38	61	3 43	56	1 75	1,944	2 04

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tion by counties.

Number adult female factory employes.	Average daily wages.	Number boys under 16.	Average daily wages.	Number girls under 16.	Average daily wages.	Whole number of employes.	Average daily wages.	Average number hours males work per day.	Average number hours females work per day.	Average number of days per month.	Average number months per year.
71	$1 00	.....	.....	.....	.....	135	$1 35	10	8.1	26	8
34	1 39	2	$0 50	.....	.....	854	2 29	10.1	9.3	24.9	11.4
321	1 13	3	1 16	.....	.....	1,805	1 87	10.8	8.9	27.3	11.2
245	86	3	58	.....	.....	2,213	1 98	9.8	9.1	24.9	11
10	99	.....	.....	.....	.....	951	1 93	10.5	9	27.1	10
85	1 02	.....	.....	.....	.....	239	1 56	9.9	8	26.4	10.4
2	1 50	1	1 50	.....	.....	471	2 41	9.9	8	26	8.2
148	1 28	7	1 02	1	$1 12	1,087	2 02	10	9	26.1	11.9
1,293	1 14	120	95	38	1 00	11,481	2 18	9.9	8.5	26.6	10.5
78	97	10	45	.....	.....	455	1 69	10	9.6	25	9.6
1,034	1 27	37	78	22	75	5,118	2 06	9.7	9.6	25.8	11.5
56	1 09	20	111	.....	.....	1,193	2 07	10.4	9.2	27.9	10.6
1,049	1 35	39	92	12	96	9,346	2 44	9.9	8.5	26	11.9
53	1 26	2	32	.....	.....	1,409	2 42	9.9	8.4	25.6	11.1
115	1 13	.....	.....	.....	.....	3,247	2 11	10	9.1	26.1	11.4
42	1 03	1	85	.....	.....	1,063	2 11	10.4	8.4	25.9	11.4
143	1 40	3	86	1	50	3,712	2 48	9.2	9	27.2	10.9
52	1 07	.....	.....	.....	.....	192	1 74	9.4	8.6	25.5	10.1
178	1 07	.....	.....	.....	.....	649	1 76	9.9	8	25.4	11.9
11	1 22	.....	.....	.....	.....	524	2 25	9.9	8.7	26	11.8
200	93	3	50	.....	.....	1,537	2 18	9.4	8.5	25.5	12
30	92	1	35	1	1 00	2,550	2 64	8.2	8.2	26	12
326	1 10	13	96	7	63	1,653	1 94	9.8	9.1	27.4	11
59	1 29	2	1 12	1	1 00	1,770	2 12	10	8.3	25.9	11.3
705	1 28	18	1 21	.....	.....	10,015	2 74	9.9	7.9	26.1	11.8
50	1 01	.....	.....	.....	.....	152	1 53	9.7	8.9	26	11.8
24	1 05	3	56	.....	.....	5,408	2 25	9.6	7.8	21.1	12
404	1 10	6	1 05	3	1 00	1,749	1 87	9.7	8.7	26	10.5
222	1 15	1	1 25	.....	.....	1,163	1 92	10.2	9	26.5	10.7
85	1 21	.....	.....	.....	.....	867	2 12	8.5	8.4	26.1	11.8
150	1 11	2	75	1	65	6,621	2 55	9	8.5	26	11.9
362	1 06	3	83	.....	.....	1,458	1 76	9.8	8	26.2	10.1
864	1 27	.....	.....	20	1 15	9,685	2 42	9.5	8.3	26.2	11.6
1,131	1 25	2	37	9	1 01	3,791	2 00	9.6	8.9	25.9	11.9
36	1 10	4	1 37	.....	.....	643	2 44	9.9	8	26	11.9
24	1 09	1	50	.....	.....	3,242	2 75	8.4	8.5	26	12
120	1 02	.....	.....	.....	.....	555	1 78	9.6	8.3	25.4	11.6
1,576	1 33	43	37	15	1 25	6,832	2 27	8.3	8.9	26.1	11.9
2,095	1 31	45	95	19	91	9,500	2 24	9.6	9.3	25.6	11.9
3	75	1	75	.....	.....	128	2 10	10	5.8	25.2	11.2
3,980	1 24	181	1 01	67	73	27,951	2 21	9.3	8.1	26	11.9
.....	.....	.....	.....	.....	.....	1,569	2 75	9.4	.....	26	12
2	75	.....	.....	.....	.....	22	1 45	9.5	6 3	23	7.5
40	98	.....	.....	.....	.....	302	1 89	9.9	8	26.2	12
1	1 00	.....	.....	.....	.....	236	1 98	9.8	8	25.2	9.3
444	1 26	12	93	5	1 10	3,041	1 97	9.8	8.8	26.4	10
131	81	.....	.....	2	40	345	1 59	9.7	8.3	25	12
.....	.....	.....	.....	.....	.....	406	2 35	10	8	26	12
25	1 78	1	1 50	.....	.....	821	2 29	10	8.6	25.3	9.5
122	1 21	3	1 00	1	20	1,574	2 15	10	8.1	27.2	9.8
118	1 12	43	89	31	70	3,048	2 01	9.9	9.3	25.9	11
91	1 37	8	65	.....	.....	7,160	2 49	9.2	8.3	25.6	11.9
266	1 14	1	90	.....	.....	1,824	1 96	9.9	9	25.8	10.3
139	93	.....	.....	.....	.....	738	1 72	9.8	8.4	26.1	11.8
124	81	20	1 01	8	1 00	2,375	2 05	10.2	8.8	26.6	11 5

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Summary of inspection

Names of counties where factories and work-shops are located.	Number of establishments.	Number superintendents.	Average daily wages.	Number foremen.	Average daily wages.	Number males, office employes.	Average daily wages.	Number females, office employes.	Average daily wages.	Number adult male factory employes.	Average daily wages.
Midland	36	45	$3 94	25	$3 12	19	$3 30	14	$1 39	374	$1 91
Missaukee	15	14	8 17	12	4 71	8	3 50	5	1 68	400	2 01
Monroe	45	49	6 18	56	3 27	40	4 13	47	1 67	1,332	2 19
Montcalm	157	143	3 52	37	2 93	31	3 13	32	1 45	971	1 86
Montmorency	11	10	.....	2	2 25	.....	.....	.....	.....	11	1 86
Muskegon	216	264	5 26	336	3 33	293	2 85	194	1 62	6,449	2 25
Newaygo	46	51	4 31	18	2 84	12	3 54	7	1 60	330	1 88
Oakland	188	198	5 71	134	4 39	296	3 90	169	1 87	3,353	2 59
Oceana	52	55	3 21	17	2 66	18	2 81	9	1 06	413	1 80
Ogemaw	30	35	3 00	6	2 90	3	2 50	9	1 25	135	1 93
Ontonagon	16	17	4 17	15	3 85	12	4 16	1	1 00	633	2 70
Osceola	40	39	3 27	11	2 96	9	3 36	13	1 45	373	1 75
Otsego	27	33	6 12	19	2 87	7	3 49	3	1 33	758	1 74
Ottawa	145	156	4 66	176	3 36	106	3 89	95	1 68	3,505	2 18
Presque Isle	29	34	5 06	23	3 85	21	3 45	3	1 25	1,208	2 13
Roscommon	4	6	2 00	.....	.....	.....	.....	.....	.....	1	2 00
Saginaw	586	665	4 90	387	3 42	529	3 40	463	1 73	7,982	2 17
St. Clair	239	282	4 64	160	3 38	153	2 93	130	1 65	3,294	2 36
St. Joseph	123	138	4 54	119	3 45	114	3 25	79	1 54	2,067	2 30
Sanilac	74	80	3 07	12	2 63	17	2 33	14	1 25	462	1 97
Schoolcraft	28	29	5 23	27	3 89	20	3 72	10	1 66	869	2 20
Shiawassee	176	179	4 19	101	3 04	71	2 66	109	1 40	2,037	2 15
Tuscola	97	97	3 39	32	2 42	17	2 74	22	1 35	269	1 92
Van Buren	108	107	3 92	55	3 06	15	2 78	34	1 69	711	2 11
Washtenaw	117	69	4 00	94	3 27	74	2 73	65	1 75	1,365	2 33
Wayne	2,893	2,843	6 77	5,256	4 20	7,524	3 48	4,900	1 94	138,028	2 71
Wexford	80	88	5 30	67	3 36	69	4 03	33	1 72	1,469	2 06
Total	11,823	12,746	$5 32	13,065	$3 77	15,199	$3 44	10,825	$1 81	302,802	$2 47

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by counties.—Continued.

Number adult female factory employes.	Average daily wages.	Number boys under 16.	Average daily wages.	Number girls under 16.	Average daily wages.	Whole number of employes.	Average daily wages.	Average number hours males work per day.	Average number hours females work per day.	Average number of days per month.	Average number months per year.
50	$1 12	.....	.....	.....	.....	527	$1 86	9	8.8	29.1	11.7
45	1 16	.....	.....	.....	.....	484	2 05	10	8.4	25.8	11.1
181	1 01	1	$0 50	1	.....	1,707	2 19	10.4	9.2	26.3	12
342	1 01	2	82	.....	.....	1,558	1 70	9.9	8 5	26.1	11.6
3	75	.....	.....	.....	.....	26	1 70	11 4	8	21.9	11.4
773	1 20	60	1 25	13	$0 81	8,382	2 21	9.1	9	26.8	11.8
157	1 01	.....	.....	.....	.....	575	1 74	10.1	9.4	25.7	10.6
264	1 45	2	1 37	1	1 00	4,417	2 66	9.8	8.9	26.2	12
146	95	12	85	12	89	682	1 65	10.6	8.1	27.2	6.6
52	97	.....	.....	.....	.....	240	1 73	9.3	8.5	25.4	10
3	1 16	.....	.....	.....	.....	681	2 76	9.9	8.2	26	12
87	94	2	54	1	66	535	1 68	9.9	8.6	25.3	11.9
6	1 13	.....	.....	.....	.....	826	1 81	9.9	8.4	26	11.9
498	1 12	66	90	42	85	4,644	2 09	9.3	8.4	26.6	11.3
14	89	1	25	.....	.....	1,304	2 18	10	7.8	26.4	10.5
1	1 25	.....	.....	.....	.....	8	1 75	10	8	26.5	12
1,903	1 24	50	92	21	84	12,000	2 13	9.7	8.7	25.7	11.6
753	1 19	3	45	2	1 00	4,777	2 14	9.8	8.8	25.8	11.8
272	1 33	12	1 12	5	1 16	2,806	2 29	10	9.3	27.6	11.9
328	1 00	.....	.....	.....	.....	913	1 64	10.8	8.3	27.3	9.9
42	94	1	90	.....	.....	998	2 24	10	8.8	26.8	12
507	1 22	2	84	.....	.....	3,006	2 03	10.8	8.4	26.4	10.2
308	95	6	1 00	2	1 00	753	1 54	9.6	8	25.9	11.9
209	1 14	28	1 08	5	1 16	1,164	2 02	9.6	8.7	26	10.3
357	1 35	.....	.....	1	1 00	2,025	2 22	9.7	8.9	27.6	11.4
23,182	1 47	1,104	1 19	915	91	183,752	2 60	9.5	8.7	26	11.3
152	1 17	9	1 15	.....	.....	1,887	2 13	10	8.2	26.2	11.5
49,604	$1 33	2,026	$1 08	1,285	$0 91	407,552	$2 41	9.6	8.7	26	11.7

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SUMMARY OF GENERAL STATISTICAL REVIEW.

SUMMARIES OF FACTORY INSPECTION OF 1913 AND COMPARISONS WITH THE CANVASS OF 1912.

Number of establishments canvassed in 1912	10,589
Number of establishments canvassed in 1913	11,823
Showing an increase of 1,234 factories.	
Number of superintendents canvassed in 1912	11,353
Number of superintendents canvassed in 1913	12,746
Showing an increase of 1,693 superintendents.	
Average daily wages paid superintendents in 1912	$5.33
Average daily wages paid superintendents in 1913	5.32
Showing a decrease of 1 cent per day.	
Number of foremen canvassed in 1912	11,917
Number of foremen canvassed in 1913	13,065
Showing an increase of 1,148 foremen.	
Average daily wages paid foremen in 1912	$3.73
Average daily wages paid foremen in 1913	3.77
Showing an increase of 4 cents per day.	
Number of males at office work canvassed in 1912	14,407
Number of males at office work canvassed in 1913	15,199
Showing an increase of 792 males working in offices.	
Average daily wages paid these in 1912	$3.24
Average daily wages paid these in 1913	3.44
Showing an increase of 20 cents per day.	
Number of females at office work canvassed in 1912	9,631
Number of females at office work canvassed in 1913	10,825
Showing an increase of 1,194 females working in offices.	
Average daily wages paid these in 1912	$1.71
Average daily wages paid these in 1913	1.81
Showing an increase of 10 cents per day.	
Number of men at general factory work canvassed in 1912	304,738
Number of men at general factory work canvassed in 1913	302,802
Showing a decrease of 1,936 men at general factory work.	
Average daily wages paid these in 1912	$2.37
Average daily wages paid these in 1913	2.47
Showing an increase of 10 cents per day.	
Number of females at general factory work canvassed in 1912	48,475
Number of females at general factory work canvassed in 1913	49,604
Showing an increase of 1,129 women at general factory work.	
Average daily wages paid these in 1912	$1.32
Average daily wages paid these in 1913	1.33
Showing an increase of 1 cent per day.	
Number of boys between 14 and 16 canvassed in 1912	2,457
Number of boys between 14 and 16 canvassed in 1913	2,026
Showing a decrease of 431 boys at work.	

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Average daily wages paid these in 1912	$1.09
Average daily wages paid these in 1913	1.08
Showing a decrease of 1 cent per day.	
Number of girls between 14 and 16 canvassed in 1912	1,502
Number of girls between 14 and 16 canvassed in 1913	1,285
Showing a decrease of 217 girls at work.	
Average daily wages paid these in 1912	$0.88
Average daily wages paid these in 1913	.91
Showing an increase of 3 cents per day.	
Whole number of employes canvassed in 1912	404,480
Whole number of employes canvassed in 1913	407,552
Showing an increase of 3,072 employes.	
Average daily wages paid all employes for 1912	$2.31
Average daily wages paid all employes for 1913	2.41
Showing an increase of 10 cents per day.	
Aggregate daily wages paid all employes in 1912	$913,376.00
Aggregate daily wages paid all employes in 1913	957,088.03
Showing an increase of $43,712.03 paid in wages daily.	
Average number of hours males work per day	9.6
Average number of hours females work per day	8.7
Average number of days worked per month	26
Average number of months worked per year	11.7

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Table showing kinds of power used and strength of

Names of counties.	Number of establishments.	Number using steam power.	Number using gas or gasoline power.	Number using electric power.	Number using water power.	Number using rented power.	Number not using power.	Number steam boilers in use.
Alcona	16	7	8	.....	.....	.....	1	7
Alger	35	10	.....	6	.....	.....	20	37
Allegan	118	42	26	29	18	.....	11	80
Alpena	91	27	9	6	2	18	29	61
Antrim	51	13	7	4	6	8	14	34
Arenac	31	4	20	.....	1	.....	6	7
Baraga	15	4	5	.....	.....	.....	3	12
Barry	82	21	18	32	4	.....	11	31
Bay	468	80	25	125	.....	1	245	193
Benzie	20	15	7	.....	1	.....	1	26
Berrien	199	72	18	91	11	.....	24	120
Branch	81	27	19	21	1	1	14	54
Calhoun	400	59	39	148	8	5	114	144
Cass	65	25	19	12	4	.....	6	35
Charlevoix	109	40	13	26	4	1	27	85
Cheboygan	56	21	1	1	1	13	20	42
Chippewa	87	39	5	12	2	13	22	97
Clare	33	8	10	5	1	.....	9	11
Clinton	116	24	42	26	1	.....	20	33
Crawford	17	6	6	.....	1	.....	4	22
Delta	66	18	.....	25	.....	.....	25	32
Dickinson	57	9	5	14	.....	.....	28	66
Eaton	134	25	25	37	6	4	25	47
Emmet	105	41	10	10	6	24	18	79
Genesee	180	52	37	56	6	1	39	93
Gladwin	29	6	6	7	1	.....	9	8
Gogebic	89	23	2	30	1	.....	38	121
Grand Traverse	90	43	2	27	2	.....	28	53
Gratiot	124	24	47	7	.....	.....	45	46
Hillsdale	70	38	20	10	1	1	3	46
Houghton	155	56	2	63	.....	.....	47	235
Huron	107	38	52	9	.....	6	6	66
Ingham	301	40	24	148	.....	.....	.....	111
Ionia	211	39	37	74	15	.....	66	66
Iosco	29	8	12	1	.....	.....	8	14
Iron	63	18	.....	21	1	.....	13	96
Isabella	75	11	16	43	3	.....	31	17
Jackson	235	42	10	113	.....	.....	70	82
Kalamazoo	325	52	26	138	5	2	76	165
Kalkaska	19	7	5	4	3	.....	2	10
Kent	736	161	33	605	22	2	115	289
Keweenaw	6	6	.....	1	.....	.....	.....	22
Lake	7	2	3	.....	1	.....	1	2
Lapeer	58	22	25	8	.....	.....	4	27
Leelanau	18	9	4	2	2	.....	2	15
Lenawee	124	56	14	44	4	.....	7	111
Livingston	44	13	13	17	3	.....	4	21
Luce	10	5	2	1	.....	.....	2	21
Mackinac	41	25	5	1	2	.....	8	51
Macomb	143	53	21	41	3	.....	31	89
Manistee	89	34	13	17	1	1	26	108
Marquette	202	49	.....	85	3	1	82	165
Mason	78	11	1	44	.....	.....	26	35
Mecosta	56	14	12	20	5	.....	7	15
Menominee	79	27	6	26	2	.....	18	76

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power in manufacturing in each county in Michigan.

Number steam boilers that are insured.	Number steam boilers that are not insured.	Number boilers equipped with low water alarms.	Number boilers not needing alarms.	Number boilers ordered equipped with alarms.	Number low water alarms in good condition.	Number low water alarms not in good condition.	Horse power generated by steam.	Horse power generated by gas or gasoline.	Horse power generated by electricity.	Horse power generated by water.	Total horse power used.
1	6	5	.....	2	5	.....	206	60	.....	.....	266
31	6	36	.....	1	35	1	5,625	.....	1,082	.....	6,707
50	30	79	1	.....	78	1	8,977	239	699	6,315	16,230
53	8	58	2	1	58	.....	10,145	61	125	3,300	13,631
22	12	33	.....	1	33	.....	3,630	37	13	1,425	5,105
6	1	6	.....	1	6	.....	380	240	100	.....	720
11	1	11	.....	1	11	.....	144	139	.....	191	474
22	9	29	.....	2	24	5	2,675	209	468	865	4,217
153	40	176	1	16	176	.....	28,729	339	2,352	.....	31,420
15	11	22	.....	4	22	.....	1,166	76	.....	250	1,492
85	35	115	1	4	111	4	7,885	136	4,360	9,552	21,923
46	8	52	2	.....	50	2	6,353	179	115	125	6,772
108	36	136	5	3	133	3	24,378	345	11,195	2,323	38,241
19	16	29	.....	6	29	.....	2,202	118	239	256	2,811
75	10	81	1	3	71	.....	11,982	94	840	715	13,631
29	13	37	.....	5	36	1	4,486	5	15	800	5,306
42	55	60	35	2	59	1	5,241	73	10,708	3,602	19,624
4	7	11	.....	.....	10	1	625	228	49	75	977
15	18	32	.....	1	32	.....	1,831	468	229	160	2,688
21	1	21	.....	1	21	.....	1,785	19	.....	130	1,934
16	16	29	2	1	25	4	2,875	.....	775	.....	3,650
63	3	66	.....	.....	66	.....	15,780	16	93	.....	15,889
38	9	46	1	.....	40	6	4,829	176	695	305	6,005
51	28	69	2	8	66	3	6,420	84	705	720	7,929
68	25	88	.....	5	85	3	14,011	353	8,905	825	24,094
.....	8	7	.....	1	7	.....	247	47	129	300	723
109	12	121	.....	.....	120	1	17,597	7	420	.....	18,024
33	20	45	1	7	34	11	3,841	9	625	950	5,425
37	9	46	.....	.....	46	.....	7,443	524	56	.....	8,023
26	20	39	.....	7	28	11	3,556	186	150	.....	3,892
214	21	226	2	7	219	7	44,807	6	1,290	.....	46,103
40	26	64	.....	2	64	.....	6,935	858	49	.....	7,842
81	30	109	.....	2	109	.....	378	3,643	283	.....	4,304
34	32	63	.....	3	59	4	5,872	357	1,332	1,865	9,426
4	10	13	.....	1	13	.....	1,163	486	12	.....	1,661
96	.....	96	.....	.....	95	1	15,605	.....	1,509	2,000	19,114
13	4	16	.....	1	15	1	1,775	143	320	265	2,503
64	18	74	1	7	74	.....	18,222	99	2,872	.....	21,193
154	11	165	.....	.....	159	6	33,741	374	5,093	395	39,603
5	5	8	.....	2	5	3	456	17	76	240	789
240	49	286	2	1	266	20	40,158	571	7,593	1,717	50,039
22	.....	22	.....	.....	21	1	4,444	.....	3	.....	4,447
.....	2	2	.....	.....	1	1	90	10	.....	80	180
10	17	27	.....	.....	27	.....	1,488	283	39	.....	1,810
5	10	14	.....	1	13	1	1,070	18	6	185	1,279
74	37	96	2	13	85	11	13,282	164	2,790	808	17,044
15	6	19	.....	2	19	.....	1,855	143	37	165	2,200
15	6	21	.....	.....	20	1	2,035	11	500	.....	2,546
25	26	47	.....	4	46	1	3,248	54	30	8	3,340
53	36	82	2	5	82	.....	11,215	201	3,328	170	14,914
77	31	103	2	3	102	1	12,845	132	639	2,500	16,116
162	3	164	.....	1	164	.....	24,825	.....	59,104	1,607	85,536
28	7	34	.....	1	32	2	6,724	15	750	192	7,681
8	7	13	1	1	13	.....	812	139	494	970	2,415
57	19	73	1	2	71	2	16,906	21	267	6,350	23,544

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Table showing kind of power used and strength of power

Names of counties.	Number of establishments.	Number using steam power.	Number using gas or gasoline power.	Number using electric power.	Number using water power.	Number using rented power.	Number not using power.	Number steam boilers in use.
Midland	36	9	7	10	.....	.....	11	10
Missaukee	15	9	4	1	.....	.....	1	18
Monroe	45	27	3	12	2	.....	2	58
Montcalm	157	42	59	29	4	1	30	60
Montmorency	11	1	2	.....	3	.....	5	1
Muskegon	216	63	14	80	.....	.....	73	122
Newaygo	46	10	19	6	4	.....	9	14
Oakland	188	31	21	65	1	1	51	59
Oceana	52	10	11	10	2	.....	15	21
Ogemaw	30	8	10	.....	2	.....	10	9
Ontonagon	16	8	.....	3	1	.....	4	15
Osceola	40	17	19	1	4	.....	3	22
Otsego	27	8	11	.....	.....	.....	8	25
Ottawa	145	61	8	68	.....	.....	11	112
Presque Isle	29	16	12	.....	1	.....	2	34
Roscommon	4	1	1	.....	.....	.....	2	1
Saginaw	586	99	43	189	2	1	272	186
St. Clair	239	67	31	88	1	.....	63	133
St. Joseph	123	26	13	31	15	17	22	39
Sanilac	74	31	41	1	.....	.....	1	51
Schoolcraft	28	11	4	2	1	3	7	26
Shiawassee	176	47	23	51	.....	.....	54	78
Tuscola	97	42	50	1	.....	.....	10	69
Van Buren	108	46	25	14	8	.....	15	65
Washtenaw	117	29	5	57	2	.....	28	43
Wayne	2,893	488	87	1,145	6	90	879	1,144
Wexford	80	28	6	22	2	.....	25	64
Total	11,823	2,856	1,316	4,179	225	214	3,124	6,110

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in manufacturing in each county in Michigan.—Concluded.

Number steam boilers that are insured.	Number steam boilers that are not insured.	Number boilers equipped with low water alarms.	Number boilers not needing alarms.	Number boilers ordered equipped with alarms.	Number low water alarms in good condition.	Number low water alarms not in good condition.	Horse power generated by steam.	Horse power generated by gas or gasoline.	Horse power generated by electricity.	Horse power generated by water.	Total horse power used.
4	6	9	.....	1	9	.....	470	84	135	.....	689
8	10	18	.....	.....	16	2	2,086	31	750	.....	2,867
51	7	55	1	2	54	1	8,390	41	462	365	9,258
31	29	54	4	2	53	1	3,182	394	288	280	4,144
1	.....	1	.....	.....	1	.....	100	7	.....	360	467
58	64	119	.....	3	109	10	12,774	76	3,931	.....	16,781
5	9	14	.....	.....	14	.....	771	225	1,804	15,775	18,575
49	10	52	5	2	46	6	7,179	114	849	233	8,375
17	4	19	2	.....	19	.....	476	69	634	61	1,240
.....	9	6	.....	3	6	.....	560	91	.....	15	666
15	.....	14	.....	1	14	.....	1,585	.....	258	4	1,847
14	8	22	.....	.....	20	2	1,439	323	3	470	2,235
21	4	21	.....	4	21	.....	1,745	71	.....	.....	1,816
76	36	109	.....	3	105	4	11,012	98	1,763	.....	12,873
23	11	33	.....	1	32	1	3,786	66	.....	175	4,027
1	.....	1	.....	.....	1	.....	80	2	.....	.....	82
174	12	183	1	2	176	7	27,206	548	5,173	150	33,077
84	49	125	5	3	124	1	21,964	430	2,282	62	24,738
34	5	38	.....	1	34	4	4,292	149	322	5,110	9,873
33	18	51	.....	.....	51	.....	4,046	467	45	.....	4,558
22	4	26	.....	.....	23	3	3,066	16	3	1,000	4,085
58	20	78	.....	.....	78	.....	9,454	177	815	150	10,596
37	32	68	1	.....	68	.....	8,236	522	50	.....	8,808
32	33	60	.....	5	58	2	2,981	286	197	640	4,104
41	2	40	.....	3	40	.....	3,454	63	6,165	60	9,742
1,041	103	1,138	2	4	1,107	31	223,769	1,239	47,050	461	272,519
31	33	64	.....	.....	61	3	5,871	96	648	76	6,691
4,706	1,404	5,830	88	182	5,631	199	844,959	17,897	207,185	78,148	1,148,189

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SUMMARY OF MOTIVE POWER.

KIND OF POWER USED AND STRENGTH IN HORSE POWER.

Number of counties in the state where there is manufacturing	82
Whole number of manufacturing establishments	11,823
Number establishments that use steam power	2,856
Total horse power strength of steam power used	844,959
Number establishments that use electric power	4,179
Total horse power strength of electric power used	207,185
Number establishments that use gas or gasoline power	1,316
Total horse power strength of gas or gasoline power used	17,897
Number establishments that use water power	225
Total horse power strength of water power used	78,148
Whole number establishments giving strength used	8,576
Total amount of horse power strength used by these	1,148,189
Number establishments using rented power	214
Whole number establishments requiring no power to operate	3,124
Whole number establishments using power	8,703

STEAM BOILERS AND THEIR EQUIPMENT.

Number of steam boilers used	6,110
Number of steam boilers that are insured	4,706
Number of steam boilers that are not insured	1,404
Number of steam boilers equipped with low water alarms	5,830
Number low water alarms ordered put on boilers	182
Number not needing alarms (low pressure or connected)	88
Number of alarms found in good condition	5,631
Number of alarms not found in good condition	199

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RECORD OF ACCIDENTS IN 1913.

The following table contains the names and records of every accident reported to the inspectors as occurring since the previous inspection. They are shown by counties, so that each may be easily found.

Record of accidents given by counties, reported to the factory inspectors as occuring the past year, giving location, by whom employed, date of accident, name, age and condition of injured person.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person around working machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	ALGER COUNTY.								
April 12	Munising Paper Co	Munising	S. Kutkutka	35	Yes	Yes	No	Slight	23
May 16	Munising Paper Co	Munising	J. Milecak	45	Yes	Yes	No	Slight	32
June 2	Munising Paper Co	Munising	E. Powers	20	Yes	Yes	No	Severe	....
July 31	Munising Paper Co	Munising	A. Adamkiewich	32	Yes	Yes	No	Serious	....
Sept. 23	Munising Paper Co	Munising	J. Miseres	18	No	.....	Yes	Slight	31
July 17	Munising Woodenware Co	Munising	R. Landell	17	Yes	Yes	Yes	Slight	31
July 23	Munising Woodenware Co	Munising	A. Peterson	17	Yes	Yes	Yes	Slight	25
Sept. 3	Munising Woodenware Co	Munising	E. Howell	52	Yes	.....	.....	Slight	17
Oct. 27	Munising Woodenware Co	Munising	E. Becker	52	Yes	Yes	Yes	Slight	18
Sept. 12	Munising Veneer Co	Munising	J. LaCasse	52	Yes	Yes	Yes	Serious	50
Mar. 17	Superior Veneer & Cooperage Co	Munising	J. Maloney	33	No	.....	Yes	Severe	14
Aug. 5	Superior Veneer & Cooperage Co	Munising	G. Charest	22	Yes	Yes	Yes	Severe	28
Sept. 29	Superior Veneer & Cooperage Co	Munising	J. Walsh	28	Yes	Yes	Yes	Severe	122
	ALLEGAN COUNTY.								
Feb. 11	Au Sable Electric Co	Allegan	J. Markle	21	No	.....	Yes	Slight	....
Jan. 13	Eastern Michigan Power Co	Allegan	F. Markle	18	No	.....	Yes	Slight	4
Mar. 21	The Wright Laundry	Allegan	Mrs. A. Richter	40	Yes	Yes	Yes	Serious	42
Sept. 27	Au Sable Electric Co	Otsego	L. J. Penney	26	Yes	Yes	.....	Slight	....
Nov. 18	Bardeen Paper Co	Otsego	C. Horton	21	Yes	Yes	No	Severe	36
Nov. 18	Bardeen Paper Co	Otsego	J. A Olds	48	Yes	Yes	No	Slight	17
Nov. 18	Bardeen Paper Co	Otsego	O. Wood	24	Yes	Yes	No	Slight	15
Nov. 18	Bardeen Paper Co	Otsego	C. R. Frue	38	Yes	Yes	No	Severe	86
Dec. 18	Bardeen Paper Co	Otsego	S. Simpson	52	Yes	Yes	Yes	Severe	30
April 17	Bardeen Paper Co	Otsego	L. Bassett	18	Yes	Yes	Yes	Severe	....
April 24	Bardeen Paper Co	Otsego	S. H. Presley	40	Yes	Yes	Yes	Severe	25
May 27	Bardeen Paper Co	Otsego	S. H. Presley	40	Yes	Yes	Yes	Severe	60
June 5	Bardeen Paper Co	Otsego	E. Otto	18	Yes	Yes	Yes	Severe	03
June 25	Bardeen Paper Co	Otsego	W. Spencer	19	Yes	Yes	Yes	Slight	62
June 25	Bardeen Paper Co	Otsego	H. DeWitt	18	Yes	Yes	Yes	Slight	12
Oct. 16	Commonwealth Power Co	Otsego	A. Baughman	19	No	.....	Yes	Slight	....
May 9	The Eady Shoe Co	Otsego	Mrs. J. Shulters	50	Yes	Yes	Yes	Slight	79
July 15	The Eady Shoe Co	Otsego	T. E. Durkee	28	No	.....	Yes	Slight	34
Dec 2	Mac Sim Bar Paper Co	Otsego	H. C. Sweet	52	Yes	Yes	No	Slight	28
Dec. 6	Mac Sim Bar Paper Co	Otsego	F. Hungerford	62	No	.....	Yes	Slight	27
Jan. 15	Mac Sim Bar Paper Co	Otsego	R. Palmer	35	Yes	Yes	Yes	Severe	19
Jan. 30	Mac Sim Bar Paper Co	Otsego	E. Barney	37	No	.....	Yes	Serious	67
Feb. 4	Mac Sim Bar Paper Co	Otsego	W. Hough	60	No	.....	Yes	Severe	125
Feb. 8	Mac Sim Bar Paper Co	Otsego	C. Buck	25	No	.....	.....	Slight	23
Mar. 7	Mac Sim Bar Paper Co	Otsego	G. Harrington	52	Yes	Yes	Yes	Severe	63

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	ALLEGAN CO.—*Con.*								
May 7	Mac Sim Bar Paper Co	Otsego	P. Spicer	20	Yes	Yes	Yes	Slight	19
June 12	Mac Sim Bar Paper Co	Otsego	E. Anderson	30	No		Yes	Serious	39
Oct. 8	Ross Cabinet Co	Otsego	J. Null	45	Yes	Yes	Yes	Serious	60
May 15	Ross Cabinet Co	Otsego	R. Zoll	....	Yes	Yes	No	Serious	60
Aug. 20	The Michigan Paper Co	Plainwell	E. Abel	22	Yes	Yes	Yes	Severe	....
Sept. 30	The Michigan Paper Co	Plainwell	J. Shiveley	62	No		No	Severe	168
Dec. 10	The Michigan Paper Co	Plainwell	C. Williams	29	No		Yes	Severe	84
Feb. 17	The Michigan Paper Co	Plainwell	Wm. Stalker	41	Yes	Yes	No	Severe	33
Mar. 15	The Michigan Paper Co	Plainwell	E. Fisher	18	Yes	Yes	Yes	Slight	21
July 8	The Michigan Paper Co	Plainwell	R. Perry	20	Yes	Yes	Yes	Slight	27
	ALPENA COUNTY.								
Aug. 29	Alpena Daily Echo	Alpena	M. Porico	22	Yes	Yes	No	Slight	25
Feb. 1	Alpena Hide & Leather Co	Alpena	A. Grableck	....	No		No	Serious	58
Feb. 26	Alpena Hide & Leather Co	Alpena	F. Dove	....	Yes	Yes	Yes	Slight	50
Mar. 1	Alpena Hide & Leather Co	Alpena	P. Swarts	....	No		Yes	Slight	12
Mar. 5	Alpena Hide & Leather Co	Alpena	J. Henry	46	Yes	Yes	No	Severe	12
April 1	Alpena Hide & Leather Co	Alpena	M. Quinn	55	No		Yes	Slight	9
May 7	Alpena Hide & Leather Co	Alpena	S. Marciniak	19	No		No	Slight	7
June 19	Alpena Hide & Leather Co	Alpena	V. Misgaski	....	No		No	Severe	15
Sept. 11	Alpena Hide & Leather Co	Alpena	C. Komski	....	Yes	Yes	No	Severe	24
Oct. 6	Alpena Hide & Leather Co	Alpena	S. Kowinski	32	No		No	Slight	14
Nov. 6	Alpena Hide & Leather Co	Alpena	T. Mattley	56	Yes		No	Serious	....
Sept. 30	M. N. Bedford & Co	Alpena	J. LaMawe	55	No			Severe	....
Aug. 5	D. & M. R. R. Co	Alpena	E. Krel's	....	No		No	Severe	20
July 19	Eddy Engineering Co	Alpena	G. Lalond	....	No		No	Severe	56
Sept. 3	Eddy Engineering Co	Alpena	J. Miller	41	No		No	Serious	....
Jan. 4	Fletcher Paper Co	Alpena	J. Laundry	49	No		No	Severe	29
Jan. 29	Fletcher Paper Co	Alpena	W. Bedra	55	Yes		No	Slight	43
Feb. 5	Fletcher Paper Co	Alpena	G. Townsend	19	Yes	Yes	No	Fatal	....
Feb. 17	Fletcher Paper Co	Alpena	W. Reicks	60	No		No	Severe	14
Feb. 22	Fletcher Paper Co	Alpena	P. Mansief	21	Yes		No	Slight	7
May 3	Fletcher Paper Co	Alpena	A. Cash	45	Yes	Yes	No	Severe	7½
July 22	Fletcher Paper Co	Alpena	G. Anthony	49	Yes	Yes	No	Fatal	....
Aug. 4	Fletcher Paper Co	Alpena	S. Fonslow	21	Yes		No	Severe	20
Aug. 29	Fletcher Paper Co	Alpena	J. Dougherty	70	No		No	Serious	....
Jan. 9	Huron-Portland Cement Co	Alpena	W. Parker	56	No		No	Serious	52
Feb. 4	Huron-Portland Cement Co	Alpena	G. Powell	....	No		No	Severe	20
Feb. 18	Huron-Portland Cement Co	Alpena	C. Soper	33	Yes	No		Serious	56
April 7	Huron-Portland Cement Co	Alpena	A. LaBarge	37	No		No	Severe	17
April 25	Huron-Portland Cement Co	Alpena	F. Maso	34	Yes		Yes	Fatal	....
May 2	Huron-Portland Cement Co	Alpena	J. Nork	26	Yes	Yes	No	Serious	37
May 8	Huron-Portland Cement Co	Alpena	J. McArthur	48	No		No	Severe	18
May 14	Huron-Portland Cement Co	Alpena	J. Richards	31	Yes	Yes	Yes	Serious	74
May 27	Huron-Portland Cement Co	Alpena	E. Twite	19	Yes	Yes	No	Serious	26
June 11	Huron-Portland Cement Co	Alpena	W. Freece	31	Yes		No	Severe	27
June	Huron-Portland Cement Co	Alpean	H. Minke	50	No		Yes	Serious	....
June	Huron-Portland Cement Co	Alpena	J. Ogden	59	Yes	Yes	No	Severe	30
June	Huron-Portland Cement Co	Alpena	C. Martistine	59	No		No	Severe	17
July 5	Huron-Portland Cement Co	Alpena	M. Paske	61	Yes	Yes	No	Severe	23
July 5	Huron-Portland Cement Co	Alpena	P. Henery	60	No		Yes	Severe	22
Aug. 6	Huron-Portland Cement Co	Alpena	A. Leeck	42	Yes	Yes	No	Severe	18
Sept. 15	Huron-Portland Cement Co	Alpena	N. Lacross	25	Yes	No	No	Severe	18
Sept. 29	Huron-Portland Cement Co	Alpena	H. Powell	25	No		No	Severe	23
Oct. 8	Huron-Portland Cement Co	Alpena	J. Sniski	19	No		No	Serious	....
Oct. 11	Huron-Portland Cement Co	Alpena	J. Wilson	49	Yes	Yes	No	Severe	15
Oct. 10	Huron-Portland Cement Co	Alpena	H. Hendrick	47	Yes	No	No	Severe	22

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Record of accidents given by counties.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occured properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	ALPENA CO.—*Con.*								
Oct. 24	Huron-Portland Cement Co	Alpena	L. Mills	56	No		No	Severe	23
Nov. 4	Huron-Portland Cement Co	Alpena	W. Freece	31	No		No	Severe	....
Nov. 5	Huron-Portland Cement Co	Alpena	A. Leroy	47			No	Severe	18
Nov. 18	Huron-Portland Cement Co	Alpena	J. Neidbolla	23	Yes	No	No	Serious	....
Feb. 7	Island Mill Lumber Co	Alpena	S. Tracy	43	No		No	Serious	105
Mar. 1	Island Mill Lumber Co	Alpena	W. Wide	....	No		No	Serious	....
Nov. 20	Michigan Alkali Co	Alpena	G. Schults	45	No		No	Slight	20
Nov. 24	Michigan Alkali Co	Alpena	T. Hennessy	23			No	Fatal	....
Nov. 30	Michigan Alkali Co	Alpena	N. Forthoffer	63	No		No	Severe	38
Dec. 3	Michigan Alkali Co	Alpena	W. Dougherty	48	No		No	Slight	25
Dec. 9	Michigan Alkali Co	Alpena	W. Hoffman	31	Yes		Yes	Slight	15
Jan. 15	Michigan Alkali Co	Alpena	N. Forthoffer	63	No		No	Serious	250
Jan. 15	Michigan Alkali Co	Alpena	A. Ellison	26	Yes	Yes		Slight	20
Jan. 29	Michigan Alkali Co	Alpena	J. Mahana	22	Yes		No	Severe	90
Jan. 30	Michigan Alkali Co	Alpena	A. Smigalski	26			No	Severe	59
Feb. 8	Michigan Alkali Co	Alpena	H. Kroll	26				Severe	30
Mar. 5	Michigan Alkali Co	Alpena	C. Boczek	16	No		Yes	Serious	....
Mar. 12	Michigan Alkali Co	Alpena	J. Schell	22	Yes		No	Severe	180
Mar. 29	Michigan Alkali Co	Alpena	A. Boncik	55			No	Severe	43
April 14	Michigan Alkali Co	Alpena	A. Ellison	26	Yes	Yes	No	Severe	19
April 17	Michigan Alkali Co	Alpena	J. Putkammer	21	No		No	Slight	76
June 11	Michigan Alkali Co	Alpena	J. May, Jr	18	Yes		No	Slight	26
June 18	Michigan Alkali Co	Alpena	J. Boczek	43	Yes	Yes	No	Severe	108
July 1	Michigan Alkali Co	Alpena	J. Laffin	29	Yes	No	No	Severe	27
July 5	Michigan Alkali Co	Alpena	J. Soltiscak	51	Yes	Yes	Yes	Slight	16
July 11	Michigan Alkali Co	Alpena	C. Christopherson	29	Yes	Yes	No	Severe	73
July 23	Michigan Alkali Co	Alpena	J. Kuybas	32	Yes		No	Severe	26
Aug. 4	Michigan Alkali Co	Alpena	G. Konwinski	25	No		No	Slight	15
Aug. 22	Michigan Alkali Co	Alpena	W. Hayes	42	No		No	Slight	17
Aug. 25	Michigan Alkali Co	Alpena	P. Panawicz	62			No	Slight	14½
Sept. 10	Michigan Alkali Co	Alpena	W. McDougall	45	No		No	Severe	18
Sept. 26	Michigan Alkali Co	Alpena	P. Kolasinski	25	Yes	Yes	No	Slight	14
Oct. 13	Michigan Alkali Co	Alpena	A. Ristau	45			No	Slight	19
Nov. 4	Michigan Alkali Co	Alpena	A. Zurauski	49	Yes	Yes	No	Severe	60
Nov. 6	Michigan Alkali Co	Alpena	E. Cronk	19			Yes	Severe	33
Nov. 25	Michigan Alkali Co	Alpena	T. Grendzicki	54	No		No	Severe	30
April 23	Michigan Alkali Co	Alpena	B. Deloy	25	No		No	Slight	2
June 4	Michigan Veneer Co	Alpena	G. Lucier	....	Yes	Yes	No	Slight	7
Oct. 3	Michigan Veneer Co	Alpena	R. Combs	32	No		No	Slight	2
Oct. 3	Michigan Veneer Co	Alpena	J. Wood	48	No		No	Slight	9
Dec. 13	C. Moench Sons Co	Alpena	J. Bloise	33	Yes	Yes	No	Serious	21
Jan. 2	C. Moench Sons Co	Alpena	C. Lempke	52	No		No	Severe	18
Mar. 17	C. Moench Sons Co	Alpena	M. Splett	50	Yes		No	Severe	56
Mar. 21	C. Moench Sons Co	Alpena	J. Hennessey	57	No		No	Severe	42
May 17	C. Moench Sons Co	Alpena	W. Delaney	35	Yes		No	Severe	18
June 26	C. Moench Sons Co	Alpena	T. Bronekampe	31	No		No	Severe	35
June 30	C. Moench Sons Co	Alpena	H. Baker	55	No		No	Serious	....
Aug. 9	C. Moench Sons Co	Alpena	F. Baumgart	52	Yes	Yes	No	Severe	22
Sept. 30	C. Moench Sons Co	Alpena	E. Clouthier	25	No		No	Severe	21
	ANTRIM COUNTY.								
July 21	The Alba Custom Mills	Alba	J. Kubeck	16	Yes	Yes	Yes	Severe	....
May 27	The Anderson Handle & Lumber Co	Alba	P. Cisgaski	....	Yes		No	Severe	75
Aug. 25	The Anderson Handle & Lumber Co	Alba	H. Post	52	Yes	Yes	No	Severe	....
Sept. 12	Antrim Iron Co	Mancelona	A. Boston	45	No		Yes	Slight	49
Nov. 15	Antrim Iron Co	Mancelona	A. Babicieek	43	No		Yes	Serious	42
Dec. 15	Antrim Iron Co	Mancelona	J. McLinn	42	No		Yes	Slight	14

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Record of accidents given by counties.—Continued.

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	ARENAC COUNTY.								
Aug. 4	Eastern Michigan Power Co	Standish	H. Shearer	22	No			Slight	13
	BARRY COUNTY.								
Oct. 10	Grand Rapids Bookcase & Chair Co	Hastings	T. Both	35	Yes	Yes		Severe	28
Nov. 20	Grand Rapids Bookcase & Chair Co	Hastings	R. Traver	16	Yes	Yes	No	Slight	
Dec. 19	Grand Rapids Bookcase & Chair Co	Hastings	H. Baker	23	No		No	Slight	6
Mar. 10	Grand Rapids Bookcase & Chair Co	Hastings	E. Soules	35	No		No	Slight	
Mar. 11	Grand Rapids Bookcase & Chair Co	Hastings	R. Blossom	17	Yes	Yes	No	Slight	
Mar. 11	Grand Rapids Bookcase & Chair Co	Hastings	J. Larabee	23	No		No	Slight	
Mar. 24	Grand Rapids Bookcase & Chair Co	Hastings	A. Russell	30	No		No	Severe	77
April 26	Grand Rapids Bookcase & Chair Co	Hastings	S. Bogart	52	No		No	Severe	10
April 29	Grand Rapids Bookcase & Chair Co	Hastings	R. Winslow	16	Yes	Yes	Yes	Severe	28
April 29	Grand Rapids Bookcase & Chair Co	Hastings	C. Biggs	18	Yes	Yes	No	Slight	6
May 8	Grand Rapids Bookcase & Chair Co	Hastings	S. S. Bogart	52	No		No	Severe	22
May 13	Grand Rapids Bookcase & Chair Co	Hastings	C. Yutz	62	No		No	Severe	63
June 24	Grand Rapids Bookcase & Chair Co	Hastings	R. Carrothers	32	No		No	Severe	6
June 27	Grand Rapids Bookcase & Chair Co	Hastings	B. Sparks	23	Yes	Yes	No	Slight	
June 30	Grand Rapids Bookcase & Chair Co	Hastings	M. Rutker	28	Yes	Yes	Yes	Slight	
July 21	Grand Rapids Bookcase & Chair Co	Hastings	C Larabee	18	No		No	Slight	14
Jan. 7	Hastings Cabinet Co	Hastings	G. Gallup	19	Yes	Yes	Yes	Slight	20
Jan. 15	Hastings Cabinet Co	Hastings	F. Bogema	25	No		No	Slight	1
June 9	Hastings Cabinet Co	Hastings	A. Fehelcy	47	Yes	Yes	No	Slight	
June 16	Hastings Cabinet Co	Hastings	G. Heath	38	No		No	Severe	5
July 12	Hastings Cabinet Co	Hastings	E. Kelly	26	Yes	Yes	No	Slight	
Feb. 26	International Seal & Lock Co	Hastings	C. Helmer	33	Yes	Yes	No	Severe	21
Mar. 14	International Seal & Lock Co	Hastings	Mrs. S. Wilhite	55	No		No	Severe	70
April 25	International Seal & Lock Co	Hastings	J. Leonard	33	Yes	Yes	Yes	Severe	54
June 1	Hastings Interior Finish Co	Hastings	J. Hulings	44	Yes	No	No	Severe	
Aug. 1	Lentz Table Co	Nashville	H. Walker	21	No		No	Severe	8
	BAY COUNTY.								
Jan. 21	Au Sable Electric Co	Bay City	R. Drewyer	32	Yes	Yes		Slight	
Feb. 25	Bay City Box & Lumber Co	Bay City	F. Heintz	16	No	Yes	Yes	Slight	10
July 7	Bay City Power Co	Bay City	C. Latshaw	33	No		Yes	Severe	30
Jan. 13	Bousfield & Co	Bay City	J. Welchli	63	Yes	Yes	No	Slight	
Feb. 12	Bousfield & Co	Bay City	J. Offergeld	64	No		No	Serious	58
Mar. 13	Bousfield & Co	Bay City	J. Stalinski	19	Yes	No	Yes	Slight	14
April 21	Bousfield & Co	Bay City	F. Zientak	17	Yes	Yes	Yes	Severe	105
Sept. 28	Bradley-Miller & Co	Bay City	F. Noss	61	No		No	Serious	25
Nov. 16	Bradley-Miller & Co	Bay City	H. Pilen	18	Yes		Yes	Slight	10
Feb. 26	Bradley-Miller & Co	Bay City	J. Pratt	45	No		Yes	Slight	60
Mar. 20	Bradley-Miller & Co	Bay City	F. Bissonett	28	Yes			Slight	17
June 18	Central Coal Co	Bay City	J. Gauthier	45	No		Yes	Slight	20
June 18	James Davidson	Bay City	J. Boston	56	No		No	Slight	14
Feb. 17	Geo. S. Dillas	Bay City	G. Poppas	35	Yes	No	Yes	Serious	90
Nov. 7	E. I. Du Pont De Nemours Powder Co	Bay City	J. Senecky	40	Yes	Yes	No	Fatal	
Mar. 3	E. I. Du Pont De Nemours Powder Co	Bay City	J. Carlson	51	Yes	Yes	No	Slight	13
April 10	E. I. Du Pont De Nemours Powder Co	Bay City	J. Kyzdskeyski	36	No		Yes	Slight	5
Dec. 10	E. B. Foss & Co	Bay City	T. Young	30	No		No	Slight	37
Jan. 22	E. B. Foss & Co	Bay City	W. Perior	25	Yes	Yes	No	Serious	35
Feb. 27	E. B. Foss & Co	Bay City	J. Pollum		No		No	Serious	19

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	BAY CO.—*Con.*								
April 26	E. B. Foss & Co	Bay City	F. Ludwikowski	60	No		No	Slight	23
May 13	E. B. Foss & Co	Bay City	T. Lasky	20	Yes	Yes	No	Slight	6
June 9	German-American Sugar Co	Bay City	R. Stomnrla	30	No		No	Slight	2
June 28	German-American Sugar Co	Bay City	F. Sille	27	Yes	Yes	No	Slight	3
July 11	German-American Sugar Co	Bay City	G. Pfundt	18	Yes	Yes	Yes	Severe	120
Aug. 13	German-American Sugar Co	Bay City	F. Christian	18	Yes	Yes	Yes	Slight	2
Sept. 30	German-American Sugar Co	Bay City	F. Long	54	Yes	Yes	Yes	Severe	....
Oct. 29	German-American Sugar Co	Bay City	A. T. Pratt	45	Yes	Yes	Yes	Severe	120
Feb. 13	Hanson-Ward Veneer Co	Bay City	A. Pillow	37	No		Yes	Slight	10
Mar. 7	Hanson-Ward Veneer Co	Bay City	C. Smith	55	No		No	Severe	42
Mar. 20	Hanson-Ward Veneer Co	Bay City	S. Sikorski	37	No		No	Serious	16
April 23	Hanson-Ward Veneer Co	Bay City	A. Takowski	30	No		No	Severe	14
May 22	Hanson-Ward Veneer Co	Bay City	H. Timm	41	No		Yes	Slight	1
June 24	Hanson-Ward Veneer Co	Bay City	S. Saske	21	Yes	Yes	Yes	Slight	7
Mar. 29	Hine Lumber Co	Bay City	Josketzbach	....	No			Slight	63
Dec. 14	Industrial Works	Bay City	A. McClure	48	No		No	Serious	56
Dec. 18	Industrial Works	Bay City	J. Daniel	26	Yes	Yes	Yes	Severe	21
Jan. 28	Industrial Works	Bay City	H. Johnson	51	Yes	Yes	Yes	Severe	35
Feb. 3	Industrial Works	Bay City	A. Knight	26	No		No	Severe	56
Mar. 3	Industrial Works	Bay City	A. Quast	42	Yes	Yes	Yes	Severe	90
Mar. 7	Industrial Works	Bay City	T. Stark	55	No		No	Severe	21
April 24	Industrial Works	Bay City	J. Quast	46	Yes	Yes	Yes	Fatal	....
May 17	Industrial Works	Bay City	O. Glocksin	21	No		Yes	Severe	42
May 22	Industrial Works	Bay City	E. McDonald	45	No		Yes	Severe	77
Aug. 19	Industrial Works	Bay City	L. Hintz	19	Yes	Yes	Yes	Severe	35
Aug. 26	Industrial Works	Bay City	F. Perkins	18	Yes	Yes	Yes	Serious	35
Nov. 15	Kneeland, Lunden & Bigelow Co	Bay City	C. Rabidoux	59	No		No	Severe	72
Nov. 22	Kneeland, Lunden & Bigelow Co	Bay City	J. Morceniski	40	No			Serious	110
May 26	Kneeland, Lunden & Bigelow Co	Bay City	J. Woods	20	Yes	Yes	No	Slight	14
June 14	Kneeland, Lunden & Bigelow Co	Bay City	A. Robinson	67	No		No	Severe	20
June 19	Kneeland, Lunden & Bigelow Co	Bay City	H. Roberts	56	No		No	Slight	11
July 7	Kneeland, Lunden & Bigelow Co	Bay City	Wm. David	40	No		No	Severe	....
Dec. 13	Lewis Mfg. Co	Bay City	Wm. Creed	22	No		Yes	Severe	14
Jan. 2	Lewis Mfg. Co	Bay City	F. Gillispi	55	Yes	Yes	Yes	Severe	250
Jan. 4	MacKinnon Boiler & Machine Co	Bay City	J. Norman	36	No		No	Slight	½
Feb. 11	MacKinnon Boiler & Machine Co	Bay City	J. J. Bray	42	Yes	Yes	No	Severe	18
Feb. 24	MacKinnon Boiler & Machine Co	Bay City	F Norris	28	No		No	Slight	14
April 3	MacKinnon Boiler & Machine Co	Bay City	H. Adams	24	No		No	Slight	1
April 30	MacKinnon Boiler & Machine Co	Bay City	C. Ensuinger	24	No		No	Slight	14
Jan. 13	The Mershon-Bacon Co	Bay City	P. Brietenstein	27	Yes	Yes		Slight	21
Jan. 31	The Mershon-Bacon Co	Bay City	M. Chaperon	....	No		No	Severe	40
Mar. 18	The Mershon-Bacon Co	Bay City	S. Brundow	39	No		Yes	Slight	5
June 28	The Mershon-Bacon Co	Bay City	J. Piesick	35	Yes	Yes	No	Severe	30
Sept. 20	Michigan Pipe Co	Bay City	J. Dragon	40	No		Yes	Slight	3
Oct. 31	Michigan Pipe Co	Bay City	J. Parent	63	No		No	Slight	7
Mar. 10	Michigan Pipe Co	Bay City	S. Liasun	38	Yes	Yes	No	Severe	14
May 9	Michigan Pipe Co	Bay City	J. Searchill	23	Yes	Yes	No	Slight	7
Jan. 6	National Cycle & Mfg. Co	Bay City	H. Holmes	55	Yes	Yes	Yes	Slight	12
Jan. 13	National Cycle & Mfg. Co	Bay City	S. Welch	26	Yes		Yes	Slight	6
Mar. 7	National Cycle & Mfg. Co	Bay City	J. Gregion	30	Yes	Yes	Yes	Slight	14
Dec. 6	The North American Chemical Co	Bay City	S. Sleezak	30	No		No	Slight	1
Dec. 23	The North American Chemical Co	Bay City	C. Lessman	50	No		No	Slight	1
Dec. 30	The North American Chemical Co	Bay City	F. Marciniak	21	No		No	Slight	30
Jan. 9	The North American Chemical Co	Bay City	F. Leppek	39	No		No	Slight	1
Nov. 22	Ross & Wentworth	Bay City	J. Cornelius	39	No		Yes	Severe	28
Feb. 28	Ross & Wentworth	Bay City	S. Ratczots	35	Yes	Yes	No	Severe	63
Mar. 10	Ross & Wentworth	Bay City	F. Toland	27	Yes	Yes	Yes	Severe	21
April 28	Ross & Wentworth	Bay City	J. Schults	23	Yes	Yes	No	Severe	21
May 15	Ross & Wentworth	Bay City	J. Evans	56	No		No	Severe	56
Mar. 12	Standard Hoop Co., Ltd	Bay City	W. Hiemann	60	Yes	Yes	Yes	Slight	21

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	BAY CO.—*Con.*								
Dec. 17	E. J. Vance Box Co., Ltd	Bay City	J. Ijiningra	45	No		Yes	Severe	210
Dec. 28	E. J. Vance Box Co., Ltd	Bay City	J. Fitch	16	No		No	Severe	21
Mar. 1	E. J. Vance Box Co., Ltd	Bay City	A. Blackmer	23	No	Yes	Yes	Severe	14
Jan. 9	W. D. Young & Co	Bay City	A. Gerowski	28	No		Yes	Slight	2
Jan. 30	W. D. Young & Co	Bay City	D York	22	Yes	Yes	Yes	Slight	7
Mar. 1	W. D. Young & Co	Bay City	J. Loll	58	No		Yes	Slight	7
Mar. 10	W. D. Young & Co	Bay City	A. Marshall	30	Yes	Yes	Yes	Severe	14
April 24	W. D Young & Co	Bay City	A Rahn	19	Yes		Yes	Slight	....
April 28	W. D. Young & Co	Bay City	R. LaGree	20	Yes	Yes	Yes	Serious	365
June 16	W. D. Young & Co	Bay City	O. Marlette	44	Yes	Yes	Yes	Slight	15
June 22	W. D. Young & Co	Bay City	J. Hartin	46				Severe	13
Feb. 18	Michigan Chemical Co	Essexville	M. Csubaja	57	No		No	Fatal	....
Mar. 12	Michigan Chemical Co	Essexville	C. Von Snappe	45	Yes	Yes	Yes	Slight	1
Oct. 11	Michigan Chemical Co	Essexville	T. Kenney	60	Yes	Yes	No	Serious	15
	BENZIE COUNTY.								
Jan. 10	Seymour & Peck Co	Honor	W. Zimmerman	30	No		No	Slight	14
Jan 11	Seymour & Peck Co	Honor	A. Comkright	42	No		No	Severe	2
Feb. 4	Seymour & Peck Co	Honor	M. Sherrin	42	No		No	Severe	6
Feb. 6	Seymour & Peck Co	Honor	R. Mitchell	33	No		No	Slight	4
Feb. 6	Seymour & Peck Co	Honor	T. Baats	24	No		No	Fatal	....
Feb. 18	Seymour & Peck Co	Honor	W. Robinson	23	No		No	Slight	28
Mar. 4	Seymour & Peck Co	Honor	L. Marcham	19	No		No	Slight	1
Mar. 28	Seymour & Peck Co	Honor	R. A. Link	23	No		No	Slight	1
Mar. 29	Seymour & Peck Co	Honor	F. Walleed	28	Yes	Yes	No	Slight	....
Mar. 29	Seymour & Peck Co	Honor	C. Barber	23	No		No	Slight	3
April 12	Seymour & Peck Co	Honor	H. Kaufman	58	No		No	Slight	....
April 29	Seymour & Peck Co	Honor	W. Winters	32	No		Yes	Slight	14
May 9	Seymour & Peck Co	Honor	S. Martin	44	Yes	Yes	No	Slight	3
May 23	Seymour & Peck Co	Honor	L. Mitchell	17	Yes	Yes	Yes	Slight	....
June 9	Seymour & Peck Co	Honor	J. Helms	28	No		Yes	Slight	2
July 23	Seymour & Peck Co	Honor	C. Hall	18	Yes	Yes	Yes	Slight	3
Sept. 11	Seymour & Peck Co	Honor	C. Barber	24	Yes	Yes	Yes	Slight	4
Sept. 13	Seymour & Peck Co	Honor	R. Amidon	16	No		No	Slight	56
Sept. 23	Seymour & Peck Co	Honor	G. Behlke	20	Yes	Yes	No	Slight	56
Oct. 21	Seymour & Peck Co	Honor	R. Hooker	25	No		No	Slight	7
Nov. 9	Seymour & Peck Co	Honor	F. Cooper	32	Yes	Yes	No	Slight	7
Nov. 11	Seymour & Peck Co	Honor	D. Vandervoart	16	Yes	Yes	No	Slight	4
Nov. 12	Seymour & Peck Co	Honor	L. Berg	25	Yes	Yes	No	Slight	....
Nov. 28	Seymour & Peck Co	Honor	W. Collins	37	No		No	Slight	4
Dec. 13	Seymour & Peck Co	Honor	M. Hamilton	19	No		No	Severe	18
Dec. 17	Seymour & Peck Co	Honor	F. Knowlton	42	No		No	Slight	9
Oct. 7	Piqua Handle & Mfg. Co	Thompsonville	F. Bell	23	Yes	Yes	Yes	Slight	14
Oct. 13	Piqua Handle & Mfg. Co	Thompsonville	G. Palmer	71	No		Yes	Slight	14
Jan. 16	Piqua Handle & Mfg. Co	Thompsonville	C. Hardin	44	No		No	Slight	1
Jan. 21	Piqua Handle & Mfg. Co	Thompsonville	E. Leffel	22	No		Yes	Slight	....
Jan. 31	Piqua Handle & Mfg. Co	Thompsonville	F. Howard	60	No		No	Slight	14
Feb. 12	Piqua Handle & Mfg. Co	Thompsonville	G. Craig	29	Yes	Yes	No	Slight	4
Feb. 14	Piqua Handle & Mfg. Co	Thompsonville	L. Helms	33	Yes	Yes	No	Serious	4
Feb. 27	Piqua Handle & Mfg Co	Thompsonville	R. Johnson	34	Yes	Yes	Yes	Slight	4
May 15	Piqua Handle & Mfg. Co	Thompsonville	E. K. Nolf	24	No		No	Serious	3
June 3	Piqua Handle & Mfg. Co	Thompsonville	J. Knaepfle	33	No		No	Serious	25
Aug. 6	Piqua Handle & Mfg. Co	Thompsonville	J. Osborn	39	Yes	Yes	No	Serious	7
Sept. 5	Piqua Handle & Mfg. Co	Thompsonville	J. Gilson	18	Yes	Yes	No	Slight	....
Sept. 7	Piqua Handle & Mfg. Co	Thompsonville	J. Johnson	38	Yes	Yes	No	Slight	....
Sept. 11	Piqua Handle & Mfg. Co	Thompsonville	D. Buckner	35	Yes	Yes	Yes	Slight	60
Sept. 25	Piqua Handle & Mfg. Co	Thompsonville	G. Simpson	33	No		No	Slight	5
Sept. 29	Piqua Handle & Mfg. Co	Thompsonville	B. Lindy	21	No		No	Slight	....

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	BERRIEN COUNTY.								
Dec. 21	Baker-Vawter	Benton Harbor	H. Hauch	29	Yes		No	Severe	37
Mar. 4	Baker-Vawter	Benton Harbor	T. Muichuiger	17	No		Yes	Slight	6
Mar. 7	Baker-Vawter	Benton Harbor	H. Bishop	16	Yes	Yes	Yes	Slight	3
April 4	Baker-Vawter	Benton Harbor	W. Nitz	29	Yes		Yes	Serious	49
Nov. 13	Benton Fruit Products Co.	Benton Harbor	J. Miles	....	No		Yes	Slight	14
Jan. 1	Benton Harbor Mall. Fdry Co.	Benton Harbor	J. Capeon	22	No			Slight	7
Feb. 18	Benton Harbor Mall. Fdry. Co.	Benton Harbor	P. Schulay	25	No		Yes	Serious	60
Mar. 21	Benton Harbor Mall. Fdry. Co.	Benton Harbor	A. Michael	25	No		Yes	Slight	8
Nov. 4	Colby-Hinkley Co.	Benton Harbor	H. Rousseau	18	Yes	Yes	No	Severe	42
Nov. 29	Colby-Hinkley Co.	Benton Harbor	F. Williams	42	Yes	Yes	Yes	Severe	28
Oct. 29	Covel Mfg. Co.	Benton Harbor	A. Kwast	28	No		No	Serious	35
Nov. 27	Covel Mfg. Co.	Benton Harbor	J. Semple	30	No		Yes	Slight	12
Dec. 12	Covel Mfg. Co.	Benton Harbor	E. Schalsmann	35	No		No	Slight	9
Feb. 2	Covel Mfg. Co.	Benton Harbor	A. Dean	24	No		Yes	Slight	12
Mar. 4	Covel Mfg. Co.	Benton Harbor	M. Shea	....	No			Slight	....
Mar. 27	Covel Mfg. Co.	Benton Harbor	J. Busby	48	Yes	Yes	Yes	Serious	25
May 1	Covel Mfg. Co.	Benton Harbor	W. Harlsburg	20	No		Yes	Slight	18
Mar. ...	Lutes-Sinclair Co.	Benton Harbor	R. Lally	48	Yes	Yes		Slight	....
May 28	Lutes-Sinclair Co.	Benton Harbor	E. Brevits	40	Yes	Yes	Yes	Slight	14
Aug. 17	Mamer Brick Co.	Benton Harbor	L. Cole	40	No		Yes	Severe	42
Jan. 8	Spencer-Barnes Co.	Benton Harbor	T. Reed	23	Yes	Yes		Slight	8
Feb. 10	Spencer-Barnes Co.	Benton Harbor	A. Galombe	16	No	Yes	Yes	Slight	....
April 30	Spencer-Barnes Co.	Benton Harbor	S. Fredericks	33	No		Yes	Severe	....
June 18	Geo. B. Thayer Co.	Benton Harbor	J. Bennett	50	No		Yes	Serious	60
Oct. 2	Geo. B. Thayer Co.	Benton Harbor	T. Price	57	No			Serious	90
April 18	Geo. B. Thayer Co.	Benton Harbor	W. Summers	58	No			Serious	....
April 24	Geo. B. Thayer Co.	Benton Harbor	M. Soam	39	Yes	Yes	No	Slight	2
May 19	Geo. B. Thayer Co.	Benton Harbor	F. Doolittle	21	No			Slight	2
Mar. 25	Buchanan Cabinet Co.	Buchanan	C. Best	18	Yes	Yes	No	Slight	10
April 17	Buchanan Cabinet Co.	Buchanan	A. Anderson	23	Yes	Yes	Yes	Slight	10
July 5	Buchanan Electric Steel Co.	Buchanan	J. Baich	23	No		No	Severe	18
Aug. 2	Buchanan Electric Steel Co.	Buchanan	S. Denno	27	Yes		No	Severe	12
Sept. 5	Buchanan Electric Steel Co.	Buchanan	W. Wintle	28	No		No	Slight	14
Sept. 5	Buchanan Electric Steel Co.	Buchanan	G. Otto	30	No		No	Severe	....
Sept. 5	Buchanan Electric Steel Co.	Buchanan	W. Rice	31	No		No	Fatal	....
Aug. 19	Celfor Tool Co.	Buchanan	F. Herman	24	Yes	Yes	Yes	Slight	14
Dec. 12	Celfor Tool Co.	Buchanan	R. Goodrich	58	Yes	Yes	Yes	Slight	19
April 15	Celfor Tool Co.	Buchanan	H. Shuley	18	Yes	Yes	No	Slight	19
Dec. 4	Celfor Tool Co.	Buchanan	I. Parucker	24	Yes	Yes	Yes	Serious	29
Mar. 18	Indiana & Michigan Electric Co.	Buchanan	C. Hess	22	No		Yes	Slight	21
Sept. 24	The Kompass & Stoll Co.	Niles	S. Barnes	24	Yes	Yes	Yes	Slight	1
Jan. 28	French Paper Co.	Niles	J. Howie	19	Yes	Yes	Yes	Severe	30
Feb. 7	French Paper Co.	Niles	M. Bebelwhymer	42	No			Severe	20
April 1	French Paper Co.	Niles	H. Wenzel	18	Yes	Yes	Yes	Severe	25
April 7	French Paper Co.	Niles	G. Antisdel	23	Yes	Yes	Yes	Slight	35
June 5	French Paper Co.	Niles	C. Deutsch	47	Yes	Yes	Yes	Slight	35
June 9	French Paper Co.	Niles	F. Shafer	18	Yes	Yes	Yes	Severe	35
July 19	French Paper Co.	Niles	H. Wenzel	18	Yes	Yes	Yes	Slight	49
July 19	French Paper Co.	Niles	F. Johnson	18	Yes	Yes	Yes	Severe	35
Sept. 22	French Paper Co.	Niles	H. Fidey	19	Yes	Yes	Yes	Severe	10
Dec. 3	French Paper Co.	Niles	E. Witherell	19	Yes	Yes		Slight	28
Dec. 28	French Paper Co.	Niles	W. Williams	20	Yes	Yes	No	Serious	84
Oct. 18	Kawneer Mfg. Co.	Niles	H. Pierce	23	No			Serious	49
Oct. 29	Kawneer Mfg. Co.	Niles	F. Vetter	22	Yes	Yes	Yes	Severe	10
Oct. 30	Kawneer Mfg. Co.	Niles	W. Doubblestein	19	Yes	Yes	Yes	Slight	16
Nov. 26	Kawneer Mfg. Co.	Niles	W. Richmond	23	Yes	Yes	Yes	Severe	41
Dec 12	Kawneer Mfg. Co.	Niles	J. Street	35	No		Yes	Slight	18
Jan. 8	Kawneer Mfg. Co.	Niles	O. Shearer	24	No		Yes	Severe	222
Feb. 4	Kawneer Mfg. Co.	Niles	F. Webster	19	Yes	Yes	Yes	Slight	42
Mar. 24	Kawneer Mfg. Co.	Niles	H. Walker	27	No		Yes	Severe	16

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	BERRIEN CO.—*Con.*								
May 17	Kawneer Mfg. Co	Niles	G. Bonier	44	Yes	Yes	No	Severe	19
June 19	Kawneer Mfg. Co	Niles	A. Opfel	45	Yes	Yes	Yes	Severe	60
June 25	Kawneer Mfg. Co	Niles	H. Hoffman	40	No		Yes	Severe	6
June 30	Kawneer Mfg. Co	Niles	A. Exner	31	Yes	Yes	Yes	Slight	8
July 12	Kawneer Mfg. Co	Niles	J. Street	36	No		Yes	Severe	18
July 15	Kawneer Mfg Co	Niles	G White	32	No		Yes	Slight	7
Aug 13	Kawneer Mfg. Co	Niles	K. Kaiser	25	No		Yes	Slight	5
Mar. 17	National Printing & Engraving Co	Niles	C. Taylor	55	No		No	Severe	28
Sept. 18	National Leather Mfg. Co	Niles	E. Ruttscham		No			Slight	
Sept. 22	National Leather Mfg. Co	Niles	S. Gablick		No		Yes	Slight	
Nov. 23	Niles Board & Paper Co	Niles	O. Zimmerman	35	Yes	Yes	Yes	Serious	32
Dec. 11	Niles Board & Paper Co	Niles	L. Colorlee	43	Yes	Yes	Yes	Serious	86
June 18	Niles Board & Paper Co	Niles	W. Beatty	26	Yes	Yes	Yes	Slight	18
Aug. 27	Niles Board & Paper Co	Niles	E. Buckles	35	Yes	Yes	Yes	Slight	5
Feb. 26	Niles Board & Paper Co	Niles	G. Billett	33	No		Yes	Severe	21
Mar. 5	Earl Storms Co	Niles	W. Byber	28	Yes	Yes	Yes	Severe	58
April 29	American Tool Works	St. Joseph	F. Gamble	28	Yes	Yes	Yes	Slight	10
Sept. 19	The Compound Door Co	St. Joseph	P. Froble	19	Yes	Yes	Yes	Serious	21
May 13	The Compound Door Co	St. Joseph	A. Wente	26	No			Slight	4
May 21	The Compound Door Co	St. Joseph	E. Milenki	50	No			Severe	21
Feb. 21	Cooper, Wells & Co	St. Joseph	B. Yampoliky	22	Yes	Yes	Yes	Slight	2
Feb. 27	Cooper, Wells & Co	St. Joseph	J. Swigert	74	Yes	Yes	Yes	Severe	22
May 2	Cooper, Wells & Co	St. Joseph	H. Beckman	16	Yes	Yes	Yes	Severe	34
July 1	Three Oaks Canning Co	Three Oaks	R. Sparks	22	Yes	Yes	No	Slight	1
Oct. 6	Three Oaks Canning Co	Three Oaks	W. Gluff	20	Yes	Yes	No	Severe	2
Jan. 24	Warren Featherbone Co	Three Oaks	C. Hoover	20	No		Yes	Slight	
Nov. 14	Watervliet Paper Co	Watervliet	N. Burbank	18	Yes	Yes	Yes	Slight	8
Feb. 11	Watervliet Paper Co	Watervliet	W. Foster	38	Yes	Yes		Severe	45
Feb. 26	Watervliet Paper Co	Watervliet	R. Jackson	20	Yes	Yes	Yes	Slight	2
Mar. 1	Watervliet Paper Co	Watervliet	P. Dougherty	19	Yes	Yes	Yes	Slight	6
April 1	Watervliet Paper Co	Watervliet	W. Thompson	45	No		No	Severe	21
April 9	Watervliet Paper Co	Watervliet	F. Bielby	40	No		No	Severe	10
June 3	Watervliet Paper Co	Watervliet	E. Packard	24	Yes	Yes	Yes	Severe	28
	BRANCH COUNTY.								
Dec. 12	Conover Eng. & Printing Co	Coldwater	W. Smith	22	Yes	Yes	Yes	Severe	90
Mar.	G. E. Kleinduist	Coldwater	L. Vandenberg	30	Yes	Yes	Yes	Severe	35
Feb. 24	Pratt Mfg. Co	Coldwater	B. Kramer	25	Yes	No	Yes	Slight	4
Mar. 24	Pratt Mfg. Co	Coldwater	C. Thompson	50	No		Yes	Severe	11
Mar. 28	Pratt Mfg. Co	Coldwater	L. Harper	20	Yes		Yes	Slight	
June 28	Pratt Mfg. Co	Coldwater	J. Hitton	45	Yes	No	No	Severe	
May 7	W. H. Schmedlen	Coldwater	E. Juckett	45	Yes	No	No	Severe	60
April 10	Peerless Portland Cement Co	Union City	T. Szensenstein	29	Yes	Yes	Yes	Severe	40
May 4	Peerless Portland Cement Co	Union City	C. Sharp	21	Yes	Yes	Yes	Severe	56
	CALHOUN COUNTY.								
Jan. 23	Albion Lumber Co	Albion	F. Beaman	47	Yes	Yes	Yes	Slight	21
Sept. 25	Au Sable Electric Co	Albion	H. Speer	42	Yes	Yes	Yes	Slight	
July 25	Eastern Michigan Power Co	Albion	F. Stoddard	56	No			Slight	
Oct. 16	Eastern Michigan Power Co	Albion	L. Mosher	26	No		Yes	Slight	5
Jan. 8	Gale Mfg. Co	Albion	G. Poirier	31	Yes	Yes	No	Severe	21
Jan. 31	Gale Mfg. Co	Albion	F. Howe	44				Severe	29
Feb. 25	Gale Mfg. Co	Albion	H. Kreger	42	Yes			Severe	
Feb. 24	The Union Steel Screen Co., Ltd	Albion	J Noble	38	Yes	Yes	Yes	Severe	21
Aug. 14	The Union Steel Screen Co., Ltd	Albion	C. Taylor	15	Yes	No	Yes	Severe	
Aug. 29	The Union Steel Screen Co., Ltd	Albion	E. Larnastus	50	Yes	No	Yes	Severe	

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	CALHOUN CO.—*Con.*								
Feb. 10	Au Sable Electric Co	Battle Creek	C. Johnson	32	Yes	Yes	Yes	Slight	....
Mar. 22	Au Sable Electric Co	Battle Creek	E. Romig	30	No	.....	.....	Slight	7
April 9	Au Sable Electric Co	Battle Creek	E. Markle	32	Yes	Yes	.....	Severe	32
May 7	Au Sable Electric Co	Battle Creek	C. Weatherwax	21	No	.....	.....	Slight	14
May 28	Au Sable Electric Co	Battle Creek	S. Peaslee	46	Yes	Yes	.....	Slight	1
June 7	Au Sable Electric Co	Battle Creek	M. Harrison	33	Yes	Yes	Yes	Slight	....
June 25	Au Sable Electric Co	Battle Creek	S. Anderson	21	Yes	Yes	Yes	Severe	33
Sept. 14	Au Sable Electric Co	Battle Creek	C. Koeyles	33	Yes	Yes	Yes	Slight	....
Sept. 14	Au Sable Electric Co	Battle Creek	C. Kacylar	33	Yes	Yes	Yes	Severe	30
April 15	American Stamping Co	Battle Creek	E. Lake	18	Yes	No	Yes	Severe	30
July 12	American Stamping Co	Battle Creek	H. Ward	25	Yes	No	Yes	Severe	25
Feb. 14	American Steam Pump Co	Battle Creek	N. Rinehart	25	Yes	Yes	Yes	Slight	3
Feb. 26	American Steam Pump Co	Battle Creek	L. Kelly	30	Yes	Yes	Yes	Severe	9
Mar. 6	American Steam Pump Co	Battle Creek	B. Marks	32	Yes	Yes	Yes	Slight	2
Mar. 15	American Steam Pump Co	Battle Creek	J. Tusic	21	No	.....	Yes	Severe	18
Mar. 17	American Steam Pump Co	Battle Creek	F. Myers	20	Yes	Yes	Yes	Slight	1
Mar. 21	American Steam Pump Co	Battle Creek	C. Archer	21	No	.....	Yes	Slight	2
Mar. 24	American Steam Pump Co	Battle Creek	R. Stanfield	26	Yes	Yes	Yes	Severe	12
Mar. 31	American Steam Pump Co	Battle Creek	W. Woodward	28	No	.....	Yes	Severe	5
April 3	American Steam Pump Co	Battle Creek	B. Peterson	36	No	.....	Yes	Severe	6
April 28	American Steam Pump Co	Battle Creek	W. Lindley	25	No	.....	No	Slight	2
May 7	American Steam Pump Co	Battle Creek	L. Holbrook	16	Yes	Yes	Yes	Slight	3
Aug. 14	American Steam Pump Co	Battle Creek	J. Tusic	21	No	.....	Yes	Severe	17
Sept. 12	American Steam Pump Co	Battle Creek	M. Cerepinko	42	Yes	Yes	Yes	Severe	7
Sept. 15	American Steam Pump Co	Battle Creek	R. Puffer	26	Yes	Yes	.....	Slight	4
Feb. 17	Battle Creek Box Co	Battle Creek	E. Nielson	18	Yes	Yes	Yes	Severe	20
May 3	Battle Creek Box Co	Battle Creek	H. Schwartz	22	Yes	Yes	Yes	Severe	11
May 16	Battle Creek Box Co	Battle Creek	A. Taylor	69	Yes	No	Yes	Serious	60
Aug. 14	Battle Creek Box Co	Battle Creek	H. Schwartz	22	Yes	Yes	Yes	Severe	2
Aug. 29	Battle Creek Box Co	Battle Creek	C. Lee	51	Yes	Yes	No	Severe	....
Feb. 13	Battle Creek Gas Co	Battle Creek	F. Beeman	49	No	.....	No	Slight	4
Mar. 3	Battle Creek Gas Co	Battle Creek	E. Perry	35	No	.....	Yes	Slight	....
Mar. 20	Battle Creek Gas Co	Battle Creek	J. Garnant	42	No	.....	No	Slight	....
April 9	Battle Creek Gas Co	Battle Creek	M. Kowalcik	23	No	.....	.....	Slight	3
May 6	Battle Creek Gas Co	Battle Creek	W. Smith	30	No	.....	.....	Slight	21
May 26	Battle Creek Gas Co	Battle Creek	G. Chandler	37	No	.....	No	Slight	....
May 26	Battle Creek Gas Co	Battle Creek	G. Grant	39	No	.....	No	Slight	....
May 31	Battle Creek Gas Co	Battle Creek	M. Ordanis	30	No	.....	No	Slight	....
June 6	Battle Creek Gas Co	Battle Creek	J. Flatres	23	No	.....	No	Slight	....
July 20	Battle Creek Gas Co	Battle Creek	T. Johnson	....	Yes	.....	.....	Severe	30
July 30	Battle Creek Gas Co	Battle Creek	J. Thrall	35	Yes	Yes	No	Slight	....
Aug. 2	Battle Creek Gas Co	Battle Creek	S. Kosta	24	No	.....	.....	Slight	2
Feb. 5	Battle Creek Paper Co	Battle Creek	C. Gilbert	58	Yes	Yes	No	Slight	8
Feb. 6	Battle Creek Paper Co	Battle Creek	L. Baumgarten	19	Yes	Yes	Yes	Slight	2
Feb. 13	Battle Creek Paper Co	Battle Creek	L. Rose	22	Yes	Yes	No	Slight	8
Mar. 19	Battle Creek Paper Co	Battle Creek	J. Hilgeford	24	No	.....	Yes	Slight	2
Mar. 19	Battle Creek Paper Co	Battle Creek	W. Nye	40	Yes	Yes	Yes	Slight	2
April 3	Battle Creek Paper Co	Battle Creek	A. Whipple	22	Yes	Yes	Yes	Slight	18
April 4	Battle Creek Paper Co	Battle Creek	F. Ottmer	29	Yes	Yes	Yes	Slight	....
April 14	Battle Creek Paper Co	Battle Creek	J. Trickey	25	No	.....	No	Slight	....
April 15	Battle Creek Paper Co	Battle Creek	J. Sallows	40	Yes	Yes	No	Slight	....
April 19	Battle Creek Paper Co	Battle Creek	C. Phillips	22	No	.....	No	Slight	2
April 25	Battle Creek Paper Co	Battle Creek	W. Croninger	23	No	.....	No	Slight	7
May 2	Battle Creek Paper Co	Battle Creek	F. Cooper	37	No	.....	No	Slight	....
May 7	Battle Creek Paper Co	Battle Creek	H. Scantlen	29	No	.....	Yes	Slight	3
May 9	Battle Creek Paper Co	Battle Creek	J. Shurlow	30	Yes	Yes	Yes	Slight	6
May 10	Battle Creek Paper Co	Battle Creek	H. Scantlen	29	Yes	Yes	Yes	Slight	4
May 17	Battle Creek Paper Co	Battle Creek	J. Fetter	21	No	.....	No	Slight	....
May 23	Battle Creek Paper Co	Battle Creek	E. Lawler	59	No	.....	No	Slight	1
June 4	Battle Creek Paper Co	Battle Creek	J. Crowther	24	Yes	Yes	Yes	Slight	8

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	CALHOUN CO.—*Con.*								
June 7	Battle Creek Paper Co	Battle Creek	C. Stronahon	27	Yes	Yes	Yes	Slight	2
June 11	Battle Creek Paper Co	Battle Creek	G. Brown	24	No		Yes	Slight	2
June 16	Battle Creek Paper Co	Battle Creek	G. Huff	19	Yes	Yes	Yes	Slight	....
June 17	Battle Creek Paper Co	Battle Creek	A. Hilker	21	No		Yes	Slight	....
June 18	Battle Creek Paper Co	Battle Creek	L. Putt	21	Yes	Yes	Yes	Slight	5
July 8	Battle Creek Paper Co	Battle Creek	H. Perkins	26	No			Slight	1
July 10	Battle Creek Paper Co	Battle Creek	G. Armstrong	23	No		Yes	Slight	....
July 25	Battle Creek Paper Co	Battle Creek	H. Spitsner	27	Yes	Yes	No	Slight	2
Aug. 2	Battle Creek Paper Co	Battle Creek	G. DeMorrow	21	No		No	Slight	4
Aug. 6	Battle Creek Paper Co	Battle Creek	R. Matthews	19	Yes	Yes	Yes	Slight	2
Sept. 8	Battle Creek Paper Co	Battle Creek	M. Cooper	18	Yes	Yes	Yes	Slight	1
Sept. 17	Battle Creek Paper Co	Battle Creek	A. Whipple	23	Yes	Yes	No	Slight	2
June 25	Battle Creek Roofing & Mfg. Co	Battle Creek	S. Sherripp	19	No	No	No	Serious	150
Oct 4	Commonwealth Power Co	Battle Creek	W. Huff	38	No			Slight	....
Mar. 17	Duplex Printing Press Co	Battle Creek	J. Bennett	36	No		No	Severe	70
Jan. 3	Eastern Michigan Power Co	Battle Creek	C. Hammond	....	No			Slight	....
Jan. 18	Eastern Michigan Power Co	Battle Creek	J. Priest	....	No			Slight	4
Jan. 23	Eastern Michigan Power Co	Battle Creek	J. Thrall	....	No			Slight	7
Jan. 24	Eastern Michigan Power Co	Battle Creek	E. Dunton	30	No		Yes	Slight	....
Jan. 30	Eastern Michigan Power Co	Battle Creek	L. Dilsaver	....	No		Yes	Slight	....
Feb. 3	Eastern Michigan Power Co	Battle Creek	J. Weed	21	Yes	Yes	No	Slight	....
Feb. 5	Eastern Michigan Power Co	Battle Creek	G. Hibbard	61	No		Yes	Severe	86
Feb. 5	Eastern Michigan Power Co	Battle Creek	J. Roberts	35	No			Slight	12
Feb. 12	Eastern Michigan Power Co	Battle Creek	G. Orphan	25	No			Slight	....
Feb. 15	Eastern Michigan Power Co	Battle Creek	R. Gifford	22	No			Slight	....
Mar. 21	Eastern Michigan Power Co	Battle Creek	C. Stevens	46	No			Slight	3
April 10	Eastern Michigan Power Co	Battle Creek	J. Shall	52	No			Slight	....
April 10	Eastern Michigan Power Co	Battle Creek	W. Walker	38	No		Yes	Severe	44
June 25	Eastern Michigan Power Co	Battle Creek	M. Rodgers	22	No			Slight	3
Aug. 2	Eastern Michigan Power Co	Battle Creek	H. Jenks	21	Yes	Yes	Yes	Slight	....
Sept. 9	Eastern Michigan Power Co	Battle Creek	L. Snyder	22	Yes	Yes	Yes	Severe	42
Sept. 19	Eastern Michigan Power Co	Battle Creek	P. Swonk	43	No			Slight	....
Oct. 21	Eastern Michigan Power Co	Battle Creek	E. Inman	65	No		Yes	Slight	....
Oct. 21	Eastern Michigan Power Co	Battle Creek	C. Grant	38	No		Yes	Slight	14
Nov. 22	Eastern Michigan Power Co	Battle Creek	C. Hotelling	....	No		Yes	Slight	....
Feb. 18	Ellis Publishing Co	Battle Creek	R. Donovan	17	Yes	Yes	Yes	Slight	14
Feb. 6	C. H. Gillis & Sons	Battle Creek	G. Everd	41	No		No	Severe	18
May 1	C. H. Gillis & Sons	Battle Creek	C. Parker	45	No		Yes	Severe	35
July 10	C. H. Gillis & Sons	Battle Creek	H. Swart	29	No		No	Slight	....
Aug. 7	C. H. Gillis & Sons	Battle Creek	S. Avery	54	No		No	Severe	16
Sept. 1	C. H. Gillis & Sons	Battle Creek	F. Bowen	33	No		No	Slight	10
Feb. 11	Grand Trunk Ry. Co	Battle Creek	M. Weyrick	34	No		No	Severe	17
April 7	Grand Trunk Ry. Co	Battle Creek	G. McMillan	19	Yes	Yes	No	Serious	6
April 12	Grand Trunk Ry. Co	Battle Creek	R. McIntosh	52	No		No	Severe	12
April 22	Grand Trunk Ry. Co	Battle Creek	A. Coupar	37	Yes	Yes	No	Serious	49
May 20	Grand Trunk Ry. Co	Battle Creek	J. King	21	Yes	Yes	No	Serious	7
June 2	Grand Trunk Ry. Co	Battle Creek	J. Wakeham	49			No	Severe	9
June 28	Grand Trunk Ry. Co	Battle Creek	N. Long	34			No	Severe	8
July 12	Grand Trunk Ry. Co	Battle Creek	G. Mitteff	22			No	Severe	11
Aug. 23	Grand Trunk Ry. Co	Battle Creek	L. Andrews	30			No	Slight	6
April 19	Hall Bros. Co	Battle Creek	H. Parsons	72	No	No	Yes	Severe	133
Aug. 28	Ill. & Mich. Fibre Box Co	Battle Creek	W. Ludwig	18	Yes	Yes	Yes	Severe	....
Mar. 18	The Kellogg Food Co	Battle Creek	A. Hill	32	Yes	Yes	Yes	Slight	96
Jan. 28	Kellogg Toasted Corn Flake Co	Battle Creek	T. Wise	31	Yes	Yes	No	Slight	14
Feb. 7	Kellogg Toasted Corn Flake Co	Battle Creek	W. Ford	35	No		No	Serious	35
Feb. 12	Kellogg Toasted Corn Flake Co	Battle Creek	L. Lippincott	19	No		No	Slight	6
Feb. 15	Kellogg Toasted Corn Flake Co	Battle Creek	E. Dougherty	29	No			Serious	17
Feb. 15	Kellogg Toasted Corn Flake Co	Battle Creek	G. Kenyon	23	No			Slight	9
Mar. 12	Kellogg Toasted Corn Flake Co	Battle Creek	M. Gregory	45	No		Yes	Slight	12
May 7	Kellogg Toasted Corn Flake Co	Battle Creek	G. Kenyon	23	No			Slight	12

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	CALHOUN CO.—*Con.*								
May 19	Kellogg Toasted Corn Flake Co...	Battle Creek..	J. Huon.....	46	No..	.....	Yes..	Serious.	14
May 21	Kellogg Toasted Corn Flake Co...	Battle Creek..	E. Harwood.....	26	No..	.....	Yes..	Slight..	10
May 22	Kellogg Toasted Corn Flake Co...	Battle Creek..	E. Peregay.....	31	Yes..	Yes..	Yes..	Slight..	12
May 27	Kellogg Toasted Corn Flake Co...	Battle Creek..	J. West.....	29	Yes..	Yes..	No..	Slight..	6
June 11	Kellogg Toasted Corn Flake Co...	Battle Creek..	J. McCann.....	26	Yes..	Yes..	Yes..	Slight..	8
June 13	Kellogg Toasted Corn Flake Co...	Battle Creek..	J. Monaghan.....	45	No..	.....	No..	Slight..	10
June 29	Kellogg Toasted Corn Flake Co...	Battle Creek..	E. McHenry.....	36	Yes..	No..	No..	Slight..	8
July 10	Kellogg Toasted Corn Flake Co...	Battle Creek..	O. Sealoff.....	28	No..	.....	Yes..	Slight..	15
July 11	Kellogg Toasted Corn Flake Co...	Battle Creek..	E. Weaver.....	20	Yes..	Yes..	No..	Slight..	20
July 17	Kellogg Toasted Corn Flake Co...	Battle Creek..	K. Caxer.....	25	Yes..	Yes..	Yes..	Slight..	21
July 18	Kellogg Toasted Corn Flake Co...	Battle Creek..	A. Watson.....	50	No..	.....	Yes..	Serious.	17
July 19	Kellogg Toasted Corn Flake Co...	Battle Creek..	J. Huon.....	46	No..	.....	No..	Slight..	9
July 22	Kellogg Toasted Corn Flake Co...	Battle Creek..	C. Fredrickson....	39	No..	.....	No..	Slight..	6
Aug. 5	Kellogg Toasted Corn Flake Co...	Battle Creek..	O. Thorpe.....	24	No..	.....	No..	Slight..	7
Sept. 6	Kellogg Toasted Corn Flake Co...	Battle Creek..	J. Watson.....	19	Yes..	Yes..	Yes..	Slight..	9
Sept. 22	Kellogg Toasted Corn Flake Co...	Battle Creek..	M. Tgrill.....	49	No..	.....	Yes..	Slight..	7
Sept. 24	Kellogg Toasted Corn Flake Co...	Battle Creek..	E. Wise.....	18	Yes..	Yes..	Yes..	Serious.	12
Oct. 2	Kellogg Toasted Corn Flake Co...	Battle Creek..	G. Messenger.....	52	No..	.....	Yes..	Serious.	53
Oct. 3	Kellogg Toasted Corn Flake Co...	Battle Creek..	A. Mason.....	27	Yes..	Yes..	No..	Slight..	6
Oct. 17	Kellogg Toasted Corn Flake Co...	Battle Creek..	R. Sweet.....	21	No..	.....	No..	Severe..	25
Oct. 25	Kellogg Toasted Corn Flake Co...	Battle Creek..	C. Shubel.....	36	No..	.....	No..	Slight..	17
Oct. 26	Kellogg Toasted Corn Flake Co...	Battle Creek..	G. Wilkinson.....	25	Yes..	Yes..	Yes..	Slight..	5
Oct. 28	Kellogg Toasted Corn Flake Co...	Battle Creek..	P. Sidnam.....	19	No..	.....	Yes..	Slight..	7
Oct. 31	Kellogg Toasted Corn Flake Co...	Battle Creek..	W. Campbell.....	18	No..	.....	No..	Serious.	20
Nov. 23	Kellogg Toasted Corn Flake Co...	Battle Creek..	C. Rohrer.....	30	No..	.....	.....	Serious.	42
Dec. 10	Kellogg Toasted Corn Flake Co...	Battle Creek..	C. Robinson.....	55	Yes..	Yes..	Yes..	Serious.	28
Sept. 4	The Keyes-Davis Co.....	Battle Creek..	M. Yarger	19	Yes..	Yes..	Yes..	Slight..	....
April 28	Michigan Carton Co.....	Battle Creek..	M. Plus.....	30	No..	.....	Yes..	Slight..	....
June 10	Michigan Carton Co.....	Battle Creek..	W. Soko.....	26	Yes..	Yes..	Yes..	Severe..	10
Nov. 28	Michigan Sanitarium & Benevolent Association.....	Battle Creek..	O. Field.....	43	No..	.....	Yes..	Severe..	28
June 26	Michigan Sanitarium & Benevolent Association.....	Battle Creek..	E. Kibby.....	62	No..	.....	Yes..	Severe..	51
Feb. 5	Nichols & Shepard Co.....	Battle Creek..	T. Godde.....	42	Yes..	Yes..	Yes..	Slight..	3
Feb. 5	Nichols & Shepard Co.....	Battle Creek..	L. Beebe.....	45	No..	.....	No..	Slight..	12
Feb. 7	Nichols & Shepard Co.....	Battle Creek..	J. Madison.....	55	No..	.....	No..	Slight..	12
Feb. 19	Nichols & Shepard Co.....	Battle Creek..	R. Gardner.....	23	No..	.....	Yes..	Slight..	6
Mar. 1	Nichols & Shepard Co.....	Battle Creek..	F. Underhill.....	53	Yes..	No..	No..	Severe..	38
Mar. 14	Nichols & Shepard Co.....	Battle Creek..	R. Alwood.....	28	Yes..	.....	No..	Slight..	24
Mar. 29	Nichols & Shepard Co.....	Battle Creek..	A. Greffin.....	47	Yes..	.....	Yes..	Serious.	84
April 7	Nichols & Shepard Co.....	Battle Creek..	V. Hartson.....	21	No..	.....	No..	Severe..	20
April 8	Nichols & Shepard Co.....	Battle Creek..	F. Short.....	46	No..	.....	No..	Severe.	18
April 9	Nichols & Shepard Co.....	Battle Creek..	R. Lloyd.....	55	Yes..	.....	No..	Severe..	15
April 9	Nichols & Shepard Co.....	Battle Creek..	R. Dixon.....	19	Yes..	Yes..	Yes..	Slight..	4
April 9	Nichols & Shepard Co.....	Battle Creek..	L. Flickenger.....	....	No..	.....	Yes..	Slight .	4
April 10	Nichols & Shepard Co.....	Battle Creek..	L. Hanks.....	51	No..	.....	No..	Severe..	20
April 14	Nichols & Shepard Co.....	Battle Creek..	E. Matthews.....	32	No..	.....	No..	Slight..	17
April 16	Nichols & Shepard Co.....	Battle Creek..	E. Iden.....	51	Yes..	Yes..	.....	Slight..	2
April 18	Nichols & Shepard Co.....	Battle Creek..	R. Dixon.....	19	Yes..	Yes..	.....	Serious.	....
April 22	Nichols & Shepard Co.....	Battle Creek..	E. Miner.....	35	No..	.....	No..	Slight..	5
May 5	Nichols & Shepard Co.....	Battle Creek..	H. Young.....	25	Yes..	.....	No..	Slight..	6
May 19	Nichols & Shepard Co.....	Battle Creek..	C. VanGylder.....	60	No..	.....	Yes..	Slight..	11
May 21	Nichols & Shepard Co...	Battle Creek..	F. Geer.....	45	No..	.....	No..	Slight..	3
May 22	Nichols & Shepard Co.....	Battle Creek..	J. Trueblood.....	55	Yes..	.....	No..	Severe..	9
May 28	Nichols & Shepard Co	Battle Creek..	R. Ulm.....	....	No..	.....	No..	Severe..	33
June 2	Nichols & Shepard Co.....	Battle Creek..	F. Madison.....	33	No..	.....	No..	Severe..	17
June 4	Nichols & Shepard Co.....	Battle Creek..	C. Birchard.....	18	No..	.....	No..	Severe..	28

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	CALHOUN CO.—*Con.*								
June 11	Nichols & Shepard Co	Battle Creek	A. Bostock		No		No	Slight	5
June 11	Nichols & Shepard Co	Battle Creek	J. Sanders	29	No		No	Slight	
June 17	Nichols & Shepard Co	Battle Creek	F. Lee		Yes		No	Slight	6
June 18	Nichols & Shepard Co	Battle Creek	G. Francisco		No		No	Slight	4
June 19	Nichols & Shepard Co	Battle Creek	C. Fish	22	No		No	Severe	32
June 30	Nichols & Shepard Co	Battle Creek	H. Bates	17	No		No	Slight	6
July 11	Nichols & Shepard Co	Battle Creek	M. Bailey	35	No		No	Slight	4
July 14	Nichols & Shepard Co	Battle Creek	M. McCarty		No		No	Slight	11
July 17	Nichols & Shepard Co	Battle Creek	C. Stout		No		No	Slight	2
July 21	Nichols & Shepard Co	Battle Creek	A. McCullough		No		Yes	Slight	4
July 21	Nichols & Shepard Co	Battle Creek	R. Smith	27	No		Yes	Slight	7
July 23	Nichols & Shepard Co	Battle Creek	L. Green	19			No	Slight	3
July 23	Nichols & Shepard Co	Battle Creek	D. Burroughs	66	No		No	Severe	8
July 23	Nichols & Shepard Co	Battle Creek	W. Sauer		No		No	Slight	3
July 29	Nichols & Shepard Co	Battle Creek	F. Underhill	53	Yes	Yes	No	Severe	3
July 30	Nichols & Shepard Co	Battle Creek	E. Winborn	55	Yes		No	Severe	24
Aug. 10	Nichols & Shepard Co	Battle Creek	W. Titus		No		No	Severe	63
Aug. 22	Nichols & Shepard Co	Battle Creek	R. Winters	19	Yes		No	Slight	2
Aug. 26	Nichols & Shepard Co	Battle Creek	E. Norton	24	No		No	Severe	4
Sept 6	Nichols & Shepard Co	Battle Creek	S Ruthfor	37	No		Yes	Slight	6
Sept 13	Nichols & Shepard Co	Battle Creek	R MacGregor	29	No		No	Severe	24
Oct 6	Nichols & Shepard Co	Battle Creek	F Foster	54	No		No	Slight	4
Feb. 1	Postum Cereal Co., Ltd	Battle Creek	F. Barker	56	No		No	Serious	46
Feb. 6	Postum Cereal Co., Ltd	Battle Creek	V. Lemon	20	No			Serious	16
Mar. 15	Postum Cereal Co., Ltd	Battle Creek	L. Mott	21	No			Slight	4
Mar. 17	Postum Cereal Co., Ltd	Battle Creek	F. Davis	25	No			Slight	4
Mar. 21	Postum Cereal Co., Ltd	Battle Creek	E. Lally	23	Yes	Yes	Yes	Severe	18
April 11	Postum Cereal Co., Ltd	Battle Creek	J. McNeal	33	No			Slight	24
April 13	Postum Cereal Co., Ltd	Battle Creek	E. Coombs	43	Yes	Yes	Yes	Severe	7
April 28	Postum Cereal Co., Ltd	Battle Creek	J. Mott	45	No		No	Serious	34
May 2	Postum Cereal Co., Ltd	Battle Creek	A. Teeter	29	No		Yes	Slight	6
May 7	Postum Cereal Co., Ltd	Battle Creek	B. Green	19	No		Yes	Slight	3
May 10	Postum Cereal Co., Ltd	Battle Creek	W. Sterling	30	No		Yes	Slight	6
May 18	Postum Cereal Co., Ltd	Battle Creek	W. Murphy	41	Yes	Yes	No	Serious	34
July 11	Raymond & Rice	Battle Creek	G. Davis	57	No		No	Severe	42
Feb. 3	M. Rumely Co	Battle Creek	M. Simmington	24	No		No	Slight	14
Feb. 5	M. Rumely Co	Battle Creek	A. Kineh	27	Yes	Yes	Yes	Slight	4
Feb. 6	M. Rumely Co	Battle Creek	C. Kramb	34	No		No	Slight	4
Feb. 7	M. Rumely Co	Battle Creek	H. Gelenius	37	Yes	Yes	No	Slight	19
Feb. 7	M. Rumely Co	Battle Creek	G. Osborne	48	No		No	Slight	3
Feb. 10	M. Rumely Co	Battle Creek	G. Burus	49	Yes	Yes	No	Slight	8
Feb. 11	M. Rumely Co	Battle Creek	E. Miller	21	No		Yes	Slight	6
Feb. 12	M. Rumley Co	Battle Creek	A. Fagerline	25	Yes	Yes	Yes	Slight	11
Feb. 15	M. Rumley Co	Battle Creek	C. Haverstroh	39	Yes	Yes	Yes	Severe	12
Feb. 17	M. Rumley Co	Battle Creek	B. Marlett	28	Yes		Yes	Slight	3
Feb. 20	M. Rumely Co	Battle Creek	M. Brodur	27	No		Yes	Slight	3
Mar. 3	M. Rumely Co	Battle Creek	L. Schmidt	26	No		Yes	Slight	7
Mar. 4	M. Rumely Co	Battle Creek	E. Ritenburg	32	No		Yes	Slight	10
Mar. 6	M. Rumely Co	Battle Creek	J. Manger	40	No		No	Slight	4
Mar. 7	M. Rumely Co	Battle Creek	C. Briton	58	Yes	Yes	No	Slight	10
Mar. 17	M. Rumely Co	Battle Creek	V. Kovac	29	No		Yes	Slight	9
Mar. 17	M Rumely Co	Battle Creek	R. Howell	40	No		No	Severe	14
Mar. 20	M. Rumely Co	Battle Creek	D. Pulsifer	48	No		No	Severe	66
Mar. 20	M. Rumely Co	Battle Creek	F. Merrill	51	No		No	Slight	4
Mar. 24	M. Rumely Co	Battle Creek	A. Harris	20	Yes	Yes	Yes	Serious	28
Mar. 27	M Rumely Co	Battle Creek	D. Howell	30	Yes	Yes	Yes	Slight	3
Mar. 27	M. Rumely Co	Battle Creek	M. Fishes	38	Yes	Yes	No	Slight	4
Mar. 29	M. Rumely Co	Battle Creek	C. Ramsey	23	Yes	No	Yes	Slight	24
April 3	M. Rumely Co	Battle Creek	H. Snyder	19	No		Yes	Slight	5
April 11	M. Rumely Co	Battle Creek	D. Kovatch	40	No		Yes	Slight	6

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	CALHOUN CO.—*Con.*								
April 16	M. Rumely Co	Battle Creek	L. Hurley	52	No		No	Severe	17
April 17	M. Rumely Co	Battle Creek	R. Canright	18	Yes	Yes	Yes	Slight	25
April 17	M. Rumely Co	Battle Creek	C. Davis	31	No		No	Slight	4
April 21	M. Rumely Co	Battle Creek	H. Hopkins	55	No		No	Severe	7
April 23	M. Rumely Co	Battle Creek	P. Bitterman	24	Yes	Yes	No	Severe	....
April 23	M. Rumely Co	Battle Creek	W. Lynch	28	Yes	Yes	Yes	Slight	7
April 30	M. Rumely Co	Battle Creek	L. Wing	18	No		Yes	Slight	5
May 5	M. Rumely Co	Battle Creek	C. Carpenter	38	No		No	Severe	63
May 14	M. Rumely Co	Battle Creek	J. Lagon	17	Yes	Yes	Yes	Slight	7
May 22	M. Rumely Co	Battle Creek	W. Hart	56	Yes	Yes	Yes	Slight	3
June 4	M. Rumely Co	Battle Creek	L. Bogart	21	No		No	Slight	5
June 6	M. Rumely Co	Battle Creek	F. Ketchum	28	Yes	Yes		Slight	34
June 10	M. Rumely Co	Battle Creek	A. Schulbatus	39	No		No	Slight	10
June 16	M. Rumely Co	Battle Creek	F. Carpenter	55	No		No	Serious	....
June 19	M. Rumely Co	Battle Creek	E. Robinson	32	No		No	Slight	10
June 30	M. Rumely Co	Battle Creek	R. Fall	41	No		No	Slight	5
July 3	M. Rumely Co	Battle Creek	T. Houreks	38	No		No	Severe	....
July 18	M. Rumely Co	Battle Creek	W. Reimir	18	No		Yes	Slight	9
Aug. 6	M. Rumely Co	Battle Creek	J. Bell	45	No	Yes	Yes	Slight	12
Aug. 7	M. Rumely Co	Battle Creek	C. McKaney	23	No		Yes	Severe	30
Sept. 12	M. Rumely Co	Battle Creek	C. Stevens	48	No		No	Slight	4
Oct. 7	M. Rumely Co	Battle Creek	I. Frang	24	No		Yes	Severe	7
Jan. 28	H. B. Sherman Mfg. Co	Battle Creek	R. Wakeham	25	Yes	Yes	Yes	Severe	17
July 11	H. B. Sherman Mfg. Co	Battle Creek	H. Huggett	31	Yes	Yes	No	Severe	....
Feb. 7	A. B. Stove Co	Battle Creek	C. Beckett	18	Yes	Yes	No	Severe	18
May 2	A. B. Stove Co	Battle Creek	F. McKinley	23	No	Yes	No	Severe	14
July 9	The United States Register Co., Ltd	Battle Creek	H. Darling	28	Yes	Yes	Yes	Slight	14
Jan. 20	Union Steam Pump Co	Battle Creek	H. Livermore	24	No		Yes	Severe	38
Feb. 5	Union Steam Pump Co	Battle Creek	J. Faust	....	Yes	Yes	Yes	Slight	3
Mar. 6	Union Steam Pump Co	Battle Creek	A. Munger	37	Yes	Yes	Yes	Severe	19
Mar. 14	Union Steam Pump Co	Battle Creek	O. Devine	39	No		Yes	Serious	36
Sept. 4	United Steel & Wire Co	Battle Creek	W. Thornton	49	No		No	Slight	4
Aug. 18	Au Sable Electric Co	Battle Creek	O. Lewis	38	Yes	Yes		Severe	28
April 1	M. C. R. R Repair Shops	Marshall	J. Baker	61	No		Yes	Severe	42
May 4	M. C. R. R. Repair Shops	Marshall	G. Campbell	31			No	Severe	33
May 7	M. C. R. R. Repair Shops	Marshall	A. Link	52	Yes	Yes	Yes	Slight	19
May 21	M. C. R. R. Repair Shops	Marshall	H. Dobberstein	27	No		No	Slight	11
April 18	Peerless Fixture Co	Marshall	H. Bailey	22	Yes	Yes	Yes	Severe	37
	CASS COUNTY.								
June 26	P. D. Beckwith Estate	Dowagiac	L. GeVilt	22	No		No	Slight	26
July 1	P. D. Beckwith Estate	Dowagiac	E. Bremer	25	Yes	Yes	No	Severe	48
July 2	P. D. Beckwith Estate	Dowagiac	L. Howvetter	39	No		No	Severe	33
July 21	P. D. Beckwith Estate	Dowagiac	C. Finkey	43	No			Slight	20
July 22	P. D. Beckwith Estate	Dowagiac	W. Dewey	50	No		No	Serious	42
Aug. 8	P. D. Beckwith Estate	Dowagiac	R. Bohem	26	No		No	Severe	25
Aug. 9	P. D. Beckwith Estate	Dowagiac	J. Lawnsbury	38	No		No	Slight	25
Aug. 20	P. D. Beckwith Estate	Dowagiac	A. Pomalvus	22	No		No	Slight	25
Aug. 20	P. D. Beckwith Estate	Dowagiac	R. Splies	30	No		No	Slight	25
Aug. 28	P. D. Beckwith Estate	Dowagiac	R. Treblecock	48	No		No	Severe	40
Sept. 2	P. D. Beckwith Estate	Dowagiac	F. Gebhart	18	Yes	Yes	Yes	Severe	30
Sept. 2	P. D. Beckwith Estate	Dowagiac	L. Armsbach	72	No			Severe	....
.....	H. L. Chapman	Marcellus	M. Mingus	38	Yes	Yes	Yes	Slight	20

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	Charlevoix County.								
May 27	Boyne City Chemical Co	Boyne City	J. Cantte	43	Yes	Yes	Yes	Slight	7
May 28	Boyne City Chemical Co	Boyne City	T. Beske	37	Yes	Yes	Yes	Slight	7
May 31	Boyne City Chemical Co	Boyne City	G. Lepard	23	Yes	Yes	Yes	Slight	7
April 14	Boyne City Lumber Co	Boyne City	L. Paine	39	Yes	Yes	No	Slight	....
April 14	Boyne City Lumber Co	Boyne City	E. Jenkins	39	Yes	Yes	No	Severe	84
April 28	Boyne City Lumber Co	Boyne City	G. Tompkins	18	Yes	Yes	No	Slight	2
April 4	Coleman Silo Co	Boyne City	C. Bramer	41	Yes	No	No	Severe	42
Mar. 3	Lake Superior Iron & Chemical Co	Boyne City	W. Drayton	45	.....	.....	No	Serious	130
Jan. 3	W. H. White Co	Boyne City	J. Wessels	42	Yes	Yes	Yes	Severe	136
Jan. 9	W. H. White Co	Boyne City	H. Steinfadt	34	Yes	Yes	Yes	Severe	25
Jan. 24	W. H. White Co	Boyne City	W. Lepard	17	Yes	Yes	Yes	Slight	25
Jan. 31	W. H. White Co	Boyne City	J. Campbell	28	No	.....	No	Severe	25
Feb. 4	W. H. White Co	Boyne City	M Klingerman	33	No	.....	No	Fatal	....
Feb. 13	W. H. White Co	Boyne City	A. Johnson	56	Yes	Yes	Yes	Severe	90
Feb. 26	W. H. White Co	Boyne City	J. Griffin	43	No	.....	No	Serious	65
April 9	W. H. White Co	Boyne City	C. Gothro	40	Yes	Yes	Yes	Severe	90
April 28	W. H. White Co	Boyne City	J. Putrine	60	No	.....	Yes	Slight	21
May 23	W. H. White Co	Boyne City	A. Wooderd	22	Yes	Yes	Yes	Slight	21
Oct. 17	Charlevoix Lumber Co	Charlevoix	J. Krulik	60	No	.....	No	Severe	84
Oct. 17	Charlevoix Lumber Co	Charlevoix	G. Laher	30	No	.....	No	Slight	28
May 27	Charlevoix Lumber Co	Charlevoix	J. Choon	31	Yes	Yes	No	Serious	42
Feb. 4	East Jordan Cooperage Co	East Jordan	J. Martin	38	No	.....	Yes	Serious	60
April 14	East Jordan Lumber Co	East Jordan	J. Maguille	35	Yes	Yes	Yes	Serious	28
June 16	East Jordan Lumber Co	East Jordan	E. McKeag	55	Yes	Yes	Yes	Severe	1
.....	East Jordan Lumber Co	East Jordan	J. Covert	65	Yes	Yes	Yes	Serious	35
Nov. 5	East Jordan Planing Mills	East Jordan	H. Sarafford	70	Yes	Yes	Yes	Severe	90
Nov. 7	East Jordan Planing Mills	East Jordan	H. Holland	30	Yes	Yes	Yes	Severe	60
April 14	William Grund	Walloon Lake	E. Learson	23	Yes	Yes	Yes	Severe	42
	Cheboygan County.								
Jan. 18	Cheboygan Leather Co	Cheboygan	E. Still	24	Yes	Yes	No	Slight	6
Oct. 17	Cheboygan Leather Co	Cheboygan	L. Hinkley	26	Yes	Yes	No	Slight	5½
Jan. 16	Cheboygan Mfg. Co	Cheboygan	E. Wansora	62	Yes	Yes	Yes	Severe	38
Sept. 4	Cheboygan Light & Power Co	Cheboygan	L. Dogwell	18	.....	.....	.....	Fatal	....
April 16	Cheboygan Paper Co	Cheboygan	G. Rabideau	30	Yes	Yes	Yes	Slight	7
April 29	Cheboygan Paper Co	Cheboygan	J. Elya	36	No	.....	No	Slight	4
May 7	Cheboygan Paper Co	Cheboygan	H. Birdsall	18	No	Yes	Yes	Slight	32
May 8	Cheboygan Paper Co	Cheboygan	B. Nelson	65	Yes	Yes	Yes	Slight	28
May 29	Cheboygan Paper Co	Cheboygan	F. Lamotte	35	No	.....	Yes	Slight	13
June 24	Cheboygan Paper Co	Cheboygan	D. Burell	34	Yes	Yes	Yes	Severe	100
June 24	Cheboygan Paper Co	Cheboygan	S. Sheeky	48	No	.....	Yes	Severe	20
Sept. 23	Cheboygan Paper Co	Cheboygan	P. Monroco	26	Yes	Yes	Yes	Slight	28
April 29	Embury-Martin Lumber Co	Cheboygan	J. Boloah	32	No	.....	.....	Slight	5
April 29	Embury-Martin Lumber Co	Cheboygan	F. Taylor	35	No	.....	.....	Slight	3
July 14	Embury-Martin Lumber Co	Cheboygan	L. Neelis	25	No	.....	No	Severe	21
July 25	Embury-Martin Lumber Co	Cheboygan	B. Leske	41	No	.....	.....	Slight	7
Aug. 5	Embury-Martin Lumber Co	Cheboygan	F. Smith	22	No	.....	.....	Slight	4½
Aug. 12	Embury-Martin Lumber Co	Cheboygan	R. Geinsolus	26	No	.....	.....	Slight	6
Aug. 15	Embury-Martin Lumber Co	Cheboygan	S. Bellant	17	No	.....	.....	Slight	9
Aug. 18	Embury-Martin Lumber Co	Cheboygan	A. Sabin	29	No	.....	.....	Slight	7
Sept. 9	Embury-Martin Lumber	Cheboygan	A. Galbraith	45	Yes	Yes	.....	Serious	....
Oct. 1	Embury-Martin Lumber Co	Cheboygan	A. Martin	61	No	.....	.....	Slight	19
Oct. 2	Embury-Martin Lumber Co	Cheboygan	D. Bridges	32	No	.....	.....	Slight	....
Oct. 20	Embury-Martin Lumber Co	Cheboygan	H. Cien	19	No	.....	.....	Severe	14
Oct. 20	Michigan Central Railroad	Mackinaw	T. Duffins	36	.....	.....	No	Slight	6

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	CHEBOYGAN CO.—*Con.*								
Nov. 17	Michigan Central Railroad	Mackinaw	B. McGinnis	35	Yes	No	No	Severe	....
Feb. 3	M. D. Olds	Cheboygan	T. Reaville	26	No		No	Fatal	....
April 19	M. D. Olds	Cheboygan	A. Elliot	23	No			Severe	180
May 30	M. D. Olds	Cheboygan	J. Vilan	30	Yes	Yes	No	Severe	30
July 25	M. D. Olds	Cheboygan	J. Retz	21	No		No	Slight	17
July 28	M. D. Olds	Cheboygan	E. Frappier	20	Yes	Yes	No	Serious	70
	CHIPPEWA COUNTY.								
June 2	Great Lakes Dredge & Dock Co	St. Ste. Marie	M. Babick	25	No		No	Severe	5
June 6	Great Lakes Dredge & Dock Co	St. Ste. Marie	W. Kerwin	21	No		No	Severe	5
June 6	Great Lakes Dredge & Dock Co	St. Ste. Marie	C. Olson	48	No		No	Slight	1
June 8	Great Lakes Dredge & Dock Co	St. Ste. Marie	T. Mancone	55	Yes		No	Severe	7
June 9	Great Lakes Dredge & Dock Co	St. Ste. Marie	M. Pemberton	38	Yes		No	Severe	6
June 10	Great Lakes Dredge & Dock Co	St. Ste. Marie	E. Reynard	18	No		No	Severe	3
June 12	Great Lakes Dredge & Dock Co	St. Ste. Marie	F. LaLonde	33	Yes		No	Slight	3
June 13	Great Lakes Dredge & Dock Co	St. Ste. Marie	W. Paquette	18	No		No	Serious	10
June 14	Great Lakes Dredge & Dock Co	St. Ste. Marie	S. Olfonse	22	No		No	Severe	10
June 18	Great Lakes Dredge & Dock Co	St. Ste. Marie	A. Clark	20	No		No	Severe	10
June 19	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Gratiaen	38	No		No	Severe	2
June 19	Great Lakes Dredge & Dock Co	St. Ste. Marie	R. Callceum	27	No		No	Severe	4
June 20	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Sedore	35	No		No	Slight	1
June 21	Great Lakes Dredge & Dock Co	St. Ste. Marie	E. Ruggles	38	No		No	Slight	1
June 22	Great Lakes Dredge & Dock Co	St. Ste. Marie	S. Leftich	25	No		No	Severe	3
June 23	Great Lakes Dredge & Dock Co	St. Ste. Marie	Y. Oakris	38	No		No	Severe	6
June 23	Great Lakes Dredge & Dock Co	St. Ste. Marie	T. Nichols	24	No		No	Serious	21
June 26	Great Lakes Dredge & Dock Co	St. Ste. Marie	G. Fairchild	40	No		No	Severe	10
June 27	Great Lakes Dredge & Dock Co	St. Ste. Marie	S. Bouche	....				Severe	20
June 28	Great Lakes Dredge & Dock Co	St. Ste. Marie	R. Teckamyer	19	Yes		No	Severe	....
July 2	Great Lakes Dredge & Dock Co	St. Ste. Marie	D. Ludie	25	Yes		No	Severe	5
July 3	Great Lakes Dredge & Dock Co	St. Ste. Marie	A. Barry	27	No		No	Severe	5
July 3	Great Lakes Dredge & Dock Co	St. Ste. Marie	D. Capson	27	Yes		No	Slight	....
July 6	Great Lakes Dredge & Dock Co	St. Ste. Marie	O. Hawkins	30	No		No	Serious	....
July 7	Great Lakes Dredge & Dock Co	St. Ste. Marie	O. Huckins	30	No		No	Serious	....
July 10	Great Lakes Dredge & Dock Co	St. Ste. Marie	G. Manzanatte	20	No		Yes	Slight	2
July 11	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Grouboutaki	20	No		No	Slight	5
July 15	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Scapia	28	Yes		No	Severe	10
July 15	Great Lakes Dredge & Dock Co	St. Ste. Marie	W. Willis	20	Yes		No	Severe	30
July 16	Great Lakes Dredge & Dock Co	St. Ste. Marie	C. Christianson	45	No		No	Slight	5
July 16	Great Lakes Dredge & Dock Co	St. Ste. Marie	C. Arnold	....	No		No	Slight	5
July 17	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Polich	35	No		No	Slight	5
July 18	Great Lakes Dredge & Dock Co	St. Ste. Marie	F. Rampitch	32	No		No	Slight	1
July 18	Great Lakes Dredge & Dock Co	St. Ste. Marie	T. Barker	32	No		No	Severe	21
July 19	Great Lakes Dredge & Dock Co	St. Ste. Marie	W. Hulleman	34	No		No	Slight	44
July 19	Great Lakes Dredge & Dock Co	St. Ste. Marie	C. Blanchard	25	No		No	Slight	3
July 19	Great Lakes Dredge & Dock Co	St. Ste. Marie	G. Costella	32	Yes		No	Severe	10
July 23	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Goodron	30	Yes		No	Fatal	....
July 24	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Single	38	No		No	Severe	7
July 25	Great Lakes Dredge & Dock Co	St. Ste. Marie	P. Kobra	24	No		No	Slight	2
July 25	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. King	18	Yes		No	Severe	5
July 25	Great Lakes Dredge & Dock Co	St. Ste. Marie	S. Cresort	20	No		No	Severe	30
July 27	Great Lakes Dredge & Dock Co	St. Ste. Marie	A. Fox	38	No		No	Slight	....
July 28	Great Lakes Dredge & Dock Co	St. Ste. Marie	H. Schruber	27	Yes		No	Slight	1
July 28	Great Lakes Dredge & Dock Co	St. Ste. Marie	S. Coombs	....	No		No	Severe	10
Aug. 1	Great Lakes Dredge & Dock Co	St. Ste. Marie	H. Halstrom	26	Yes		No	Severe	5
Aug. 2	Great Labes Dredge & Dock Co	St. Ste. Marie	P. McKeller	48	No		No	Serious	25
Aug. 6	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Sarenoki	41	No		No	Severe	21
Aug. 6	Great Lakes Dredge & Dock Co	St. Ste. Marie	D. Atkinson	24	Yes		No	Severe	60
Aug. 7	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Papos	28	No		No	Slight	3

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Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	CHIPPEWA CO.—*Con.*								
Aug. 9	Great Lakes Dredge & Dock Co.	St. Ste. Marie	H. Nelson	29	No		No	Severe	5
Aug. 11	Great Lakes Dredge & Dock Co.	St. Ste. Marie	H. Nelson	29	Yes		No	Severe	21
Aug. 12	Great Lakes Dredge & Dock Co.	St. Ste. Marie	F. Tesowski	36	No			Severe	5
Aug. 15	Great Lakes Dredge & Dock Co.	St. Ste. Marie	G. Whybra	16	No		No	Severe	10
Aug. 16	Great Lakes Dredge & Dock Co.	St. Ste. Marie	F. Mackie	26	No		No	Slight	3
Aug. 18	Great Lakes Dredge & Dock Co.	St. Ste. Marie	Chopisky	21	No		No	Severe	10
Aug. 20	Great Lakes Dredge & Dock Co.	St. Ste. Marie	I. Elansburg	30	No		No	Severe	2
Aug. 20	Great Lakes Dredge & Dock Co.	St. Ste. Marie	I. Hamburg	37	No		No	Slight	2
Aug. 21	Great Lakes Dredge & Dock Co.	St. Ste. Marie	C. Peterson	30	Yes	No	No	Severe	30
Aug. 22	Great Lakes Dredge & Dock Co.	St. Ste. Marie	T. Coakley	28	No		No	Slight	2
Aug. 22	Great Lakes Dredge & Dock Co.	St. Ste. Marie	P. Compamars	31	No		No	Severe	10
Aug. 23	Great Lakes Dredge & Dock Co.	St. Ste. Marie	D. Perault	38	No		No	Slight	1
Aug. 23	Great Lakes Dredge & Dock Co.	St. Ste. Marie	J. Kuznor	19	Yes		No	Severe	15
Aug. 25	Great Lakes Dredge & Dock Co.	St. Ste. Marie	J. Watson	32	No		No	Serious	30
Aug. 26	Great Lakes Dredge & Dock Co.	St. Ste. Marie	A. Quinn	30	Yes		No	Slight	1
Aug. 29	Great Lakes Dredge & Dock Co.	St. Ste. Marie	R. LaClair	29	No		No	Slight	8
Aug. 30	Great Lakes Dredge & Dock Co.	St. Ste. Marie	H. Hanson	50	No		No	Severe	25
Sept. 4	Great Lakes Dredge & Dock Co.	St. Ste. Marie	E. Everingham	40	Yes		No	Slight	1
Sept. 4	Great Lakes Dredge & Dock Co.	St. Ste. Marie	S. Train	20	No		No	Severe	10
Sept. 4	Great Lakes Dredge & Dock Co.	St. Ste. Marie	A. Marksoitch	26	Yes		No	Severe	8
Sept. 6	Great Lakes Dredge & Dock Co.	St. Ste. Marie	F. Kibbey	35	Yes		No	Severe	10
Sept. 6	Great Lakes Dredge & Dock Co.	St. Ste. Marie	W. Wothowaski	38	No		No	Severe	10
Sept. 8	Great Lakes Dredge & Dock Co.	St. Ste. Marie	F. Rex	37	No		No	Severe	10
Sept. 8	Great Lakes Dredge & Dock Co.	St. Ste. Marie	J. Pearl	43	Yes		No	Slight	2
Sept. 8	Great Lakes Dredge & Dock Co.	St. Ste. Marie	F. Salaters	23	No		No	Slight	5
Sept. 9	Great Lakes Dredge & Dock Co.	St. Ste. Marie	F. Laundberry	30	No		No	Slight	2
Sept. 9	Great Lakes Dredge & Dock Co.	St. Ste. Marie	T. Helnka	68	No		No	Serious	
Sept. 10	Great Lakes Dredge & Dock Co.	St. Ste. Marie	W. Nichols	27	No		No	Slight	2
Sept. 10	Great Lakes Dredge & Dock Co.	St. Ste. Marie	C. Corba	42	No		No	Severe	10
Sept. 13	Great Lakes Dredge & Dock Co.	St. Ste. Marie	F. Pampick	33	No		No	Slight	1
Sept. 16	Great Lakes Dredge & Dock Co.	St. Ste. Marie	D. Lalonde	30	No		No	Severe	30
Sept. 16	Great Lakes Dredge & Dock Co.	St. Ste. Marie	T. Teets	19	No		No	Slight	2
Sept. 24	Great Lakes Dredge & Dock Co.	St. Ste. Marie	A. Richards	31	No		No	Serious	180
Sept. 24	Great Lakes Dredge & Dock Co.	St. Ste. Marie	J. Henderson	38	No		No	Slight	2
Sept. 24	Great Lakes Dredge & Dock Co.	St. Ste. Marie	W. Riley	49	No		No	Slight	1
Sept. 25	Great Lakes Dredge & Dock Co.	St. Ste. Marie	V. Grorzani	24	No		No	Severe	10
Sept. 27	Great Lakes Dredge & Dock Co.	St. Ste. Marie	A. Felar	19	Yes		No	Severe	5
Sept. 28	Great Lakes Dredge & Dock Co.	St. Ste. Marie	G. Ramel	28	No		No	Severe	21
Sept. 29	Great Lakes Dredge & Dock Co.	St. Ste. Marie	G. Leo	19	Yes		No	Slight	3
Sept. 29	Great Lakes Dredge & Dock Co.	St. Ste. Marie	N. McDerrnidal	52	No		No	Slight	1
Oct. 1	Great Lakes Dredge & Dock Co.	St. Ste. Marie	F. VanLeween	41	No		No	Slight	1
Oct. 2	Great Lakes Dredge & Dock Co.	St. Ste. Marie	W. Burchill	18	No		No	Severe	
Oct. 3	Great Lakes Dredge & Dock Co.	St. Ste. Marie	J. Vadilla	20	Yes		No	Severe	
Oct. 3	Great Lakes Dredge & Dock Co.	St. Ste. Marie	J. Befaird	46	Yes		No	Severe	5
Oct. 3	Great Lakes Dredge & Dock Co.	St. Ste. Marie	G. Jackman		No		No	Slight	1
Oct. 7	Great Lakes Dredge & Dock Co.	St. Ste. Marie	J. Rich	41	No		No	Slight	
Oct. 7	Great Lakes Dredge & Dock Co.	St. Ste. Marie	S. Gorm'skey	24	No		No	Severe	3
Oct. 7	Great Lakes Dredge & Dock Co.	St. Ste. Marie	W. Martin	19	No		No	Slight	3
Oct. 11	Great Lakes Dredge & Dock Co.	St. Ste. Marie	J. Pappas	28	No		No	Serious	
Oct. 9	The Bartlett Lumber Co.	Shelldrake	D. Beaton	51	Yes	Yes	No	Fatal	
Nov. 16	The Bartlett Lumber Co.	Shelldrake	J. O'Brien	40	Yes	Yes	Yes	Severe	28
Jan. 23	The Bartlett Lumber Co.	Shelldrake	W. Laine	30	No			Fatal	
May 7	The Bartlett Lumber Co.	Shelldrake	L. Beauchamp	27	Yes	Yes	No	Slight	28
May 10	The Bartlett Lumber Co.	Shelldrake	T. Lear	26	Yes	Yes	Yes	Serious	90
May 21	The Bartlett Lumber Co.	Shelldrake	A. Lahti	24	Yes	Yes	No	Slight	21
June 5	The Bartlett Lumber Co.	Shelldrake	T. Savage	38	Yes	Yes	No	Severe	70
July 6	The Bartlett Lumber Co.	Shelldrake	A. Sugarkines	35	No		Yes	Slight	42
Aug. 2	The Bartlett Lumber Co.	Shelldrake	E. Limieux	36	No		No	Severe	42
Aug. 20	The Bartlett Lumber Co.	Shelldrake	J. Majda	35	No		Yes	Slight	30
Aug. 30	The Bartlett Lumber Co.	Shelldrake	H. Ross	43	No		No	Severe	90

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	CHIPPEWA CO.—*Con.*								
Feb. 18	Kramer & Crego	Trout Lake	L. Luer ger	50	No		No	Slight	30
Aug. 19	Kramer & Crego	Trout Lake		58	No		No	Serious	60
Mar. 28	Great Lakes Dredge & Dock Co	St. Ste. Marie	D. McLarn	53	No		No	Severe	20
Mar. 31	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Wallace	50	No		No	Slight	8
April 8	Great Lakes Dredge & Dock Co	St. Ste. Marie	W. Smith	40	No		No	Severe	10
April 14	Great Lakes Dredge & Dock Co	St. Ste. Marie	A. Guerrtin	52	No		No	Serious	60
April 14	Great Lakes Dredge & Dock Co	St. Ste. Marie	W. Knapp	33	No		No	Severe	10
April 20	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Martell	36	Yes		No	Severe	10
April 29	Great Lakes Dredge & Dock Co	St. Ste. Marie	P. Hobosum	32	No		No	Severe	8
May 2	Great Lakes Dredge & Dock Co	St. Ste. Marie	S. Combs	48	No		No	Severe	4
May 5	Great Lakes Dredge & Dock Co	St. Ste. Marie	S. Leftick	27	No		No	Severe	15
May 5	Great Lakes Dredge & Dock Co	St. Ste. Marie	P. Gazzala	48	Yes		No	Slight	2
May 6	Great Lakes Dredge & Dock Co	St. Ste. Marie	L. Belanger	28	No		No	Severe	5
May 6	Great Lakes Dredge & Dock Co	St. Ste. Marie	S. Miller	22	Yes		No	Severe	6
May 6	Great Lakes Dredge & Dock Co	St. Ste. Marie	W. Chance	30	No		No	Severe	10
May 7	Great Lakes Dredge & Dock Co	St. Ste. Marie	M. Borie		No		No	Severe	8
May 10	Great Lakes Dredge & Dock Co	St. Ste. Marie	A. Seggin	43	No		No	Severe	10
May 10	Great Lakes Dredge & Dock Co	St. Ste. Marie	C. Bouche	30	Yes		No	Severe	7
May 14	Great Lakes Dredge & Dock Co	St. Ste. Marie	L. Flank	30	No		No	Slight	3
May 16	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Jorch	30	No		No	Slight	2
May 17	Great Lakes Dredge & Dock Co	St. Ste. Marie	W. Cob	18	Yes		No	Slight	3
May 18	Great Lakes Dredge & Dock Co	St. Ste. Marie	O. Faloone	18	No		No	Severe	3
May 18	Great Lakes Dredge & Dock Co	St. Ste. Marie	B. Morse	24	No		No	Slight	2
May 19	Great Lakes Dredge & Dock Co	St. Ste. Marie	C. Martell	35	No		No	Severe	10
May 21	Great Lakes Dredge & Dock Co	St. Ste. Marie	M. Ontada	27	Yes		No	Serious	90
May 21	Great Lakes Dredge & Dock Co	St. Ste. Marie	F. Devente	30	No		No	Severe	6
May 23	Great Lakes Dredge & Dock Co	St. Ste. Marie	A. Everingham	43	No		No	Severe	10
May 23	Great Lakes Dredge & Dock Co	St. Ste. Marie	E. Smith	27	No		No	Severe	10
May 24	Great Lakes Dredge & Dock Co	St. Ste. Marie	T. Trebovitch	26	No		No	Severe	3
May 24	Great Lakes Dredge & Dock Co	St. Ste. Marie	L. Smith	28	No		No	Severe	10
May 24	Great Lakes Dredge & Dock Co	St. Ste. Marie	G. Jackman	31	No		No	Slight	1
May 26	Great Lakes Dredge & Dock Co	St. Ste. Marie	F. Pingatore	25	No		No	Slight	1
May 26	Great Lakes Dredge & Dock Co	St. Ste. Marie	G. Miller	39	Yes		No	Severe	15
May 26	Great Lakes Dredge & Dock Co	St. Ste. Marie	M. Barbedo	26	No		No	Slight	3
May 27	Great Lakes Dredge & Dock Co	St. Ste. Marie	M. Macowaci	19	No		No	Slight	2
May 28	Great Lakes Dredge & Dock Co	St. Ste. Marie	S. Yacupe	27	No		No	Slight	5
May 29	Great Lakes Dredge & Dock Co	St. Ste. Marie	P. Nagle	24	No		No	Severe	15
May 29	Great Lakes Dredge & Dock Co	St. Ste. Marie	J. Yaros	40	No		No	Slight	2
May 30	Great Lakes Dredge & Dock Co	St. Ste. Marie	W. Fox	46	No		No	Slight	1
June 9	Edison Sault Electric Co	St. Ste. Marie	F. Scharbonan	26	No		No	Slight	2
June 9	Edison Sault Electric Co	St. Ste. Marie	J. Page	35	No		No	Slight	5
Sept. 13	Edison Sault Electric Co	St. Ste. Marie	G. McCracken	29	No		No	Slight	7
June 2	Hickler Bros	St. Ste. Marie	G. LaLonde	25	No		Yes	Slight	14
June 18	Hickler Bros	St. Ste. Marie	P. McGuire	35	Yes	No	Yes	Slight	30
Sept. 16	Hickler Bros	St. Ste. Marie	E. Buchanan	50	No		No	Serious	
May 24	Kelly & Mayers	St. Ste. Marie	J. Hone	63	No		No	Severe	48
Nov. 15	McArthur Bros	St. Ste. Marie	D. Mallett	30	Yes		No	Fatal	
Nov. 21	McArthur Bros	St. Ste. Marie	F. Jones	34	Yes		No	Serious	90
Nov. 30	McArthur Bros	St. Ste. Marie	J. Knight	28	No		No	Fatal	
Nov. 30	McArthur Bros	St. Ste. Marie	T. Plunpo	32	No		No	Fatal	
Dec. 30	McArthur Bros	St. Ste. Marie	J. Fortunate	31	No		No	Serious	30
Jan. 1	McArthur Bros	St. Ste. Marie	T. Selendi	39	No		No	Slight	24
Jan. 3	McArthur Bros	St. Ste. Marie	A. Tavoto	35				Severe	19
Jan. 21	McArthur Bros	St. Ste. Marie	A. Ross		No		No	Slight	1
Jan. 25	McArthur Bros	St. Ste. Marie	W. Burden		No		No	Slight	2
Jan. 25	McArthur Bros	St. Ste. Marie	P. Borick	30	Yes		No	Slight	21
Feb. 6	McArthur Bros	St. Ste. Marie	M. Conich	47	No		No	Serious	30
Feb. 6	McArthur Bros	St. Ste. Marie	J. McKay	31	No		No	Severe	21
Feb. 7	McArthur Bros	St. Ste. Marie	J. Lambert	30	No		No	Serious	100
Feb. 11	McArthur Bros	St. Ste. Marie	L. Stafford	30	No		No	Serious	60

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	CHIPPEWA CO.—*Con.*								
Mar. 11	McArthur Bros	St. Ste. Marie.	E. Thomas	28	Yes		No	Severe	21
Mar. 13	McArthur Bros	St. Ste. Marie.	F. Hodge	43	No		No	Severe	20
Mar. 17	McArthur Bros	St. Ste. Marie.	M. Polvera	25	No		No	Severe	28
April 12	McArthur Bros	St. Ste. Marie.	A. Vendlin	28	No		No	Severe	22
April 18	McArthur Bros	St. Ste. Marie.	A. Dellera	30	No		No	Severe	24
April 20	McArthur Bros	St. Ste. Marie.	W. Sinlar	30	No		No	Slight	....
April 20	McArthur Bros	St. Ste. Marie.	M. Perouch	28	No		No	Severe	34
April 20	McArthur Bros	St. Ste. Marie.	S. Moleski	24	No		No	Serious	34
April 21	McArthur Bros	St. Ste. Marie.	J. Parkinson	....	Yes		No	Slight	....
April 29	McArthur Bros	St. Ste. Marie.	W. Renolds	24	Yes		No	Severe	30
May 8	McArthur Bros	St. Ste. Marie.	M. Miller	34			No	Severe	23
May 9	McArthur Bros	St. Ste. Marie.	S. Lennox	....	Yes	No	No	Severe	20
May 9	McArthur Bros	St. Ste. Marie.	A. Opris	....	Yes		No	Severe	30
May 10	McArthur Bros	St. Ste. Marie.	E. Willes	25	Yes		No	Serious	....
May 10	McArthur Bros	St. Ste. Marie.	S. Gata	26	No		No	Severe	15
May 23	McArthur Bros	St. Ste. Marie.	D. Panich	19	Yes		No	Severe	10
May 23	McArthur Bros	St. Ste. Marie.	M. Johnston	38	No		No	Slight	15
May 24	McArthur Bros	St. Ste. Marie.	J. Bell	37	No		No	Severe	1
May 31	McArthur Bros	St. Ste. Marie.	M. Martello	37	No		No	Severe	40
June 9	McArthur Bros	St. Ste. Marie.	E. McGrau	26	Yes		No	Severe	60
June 13	McArthur Bros	St. Ste. Marie.	T. Beatlus	....	Yes		No	Severe	17
June 13	McArthur Bros	St. Ste. Marie.	T. Gonya	27	No			Fatal	....
June 21	McArthur Bros	St. Ste. Marie.	J. Moore	30	No		No	Serious	43
July 9	McArthur Bros	St. Ste. Marie.	M. Papowich	32	Yes		No	Severe	15
July 10	McArthur Bros	St. Ste. Marie.	A. Wilburn	35	Yes		No	Severe	30
July 14	McArthur Bros	St. Ste. Marie.	B. Perogini	47	No		No	Severe	34
July 17	McArthur Bros	St. Ste. Marie.	R. Johnston	22	Yes		No	Severe	21
July 21	McArthur Bros	St. Ste. Marie.	F. Casey	18	No		No	Slight	7
July 23	McArthur Bros	St. Ste. Marie.	S. Malbobich	35	No		No	Severe	10
July 30	McArthur Bros	St. Ste. Marie.	W. Garret	38	No		No	Severe	21
Aug. 6	McArthur Bros	St. Ste. Marie.	D. Grant	18	Yes		No	Fatal	....
Aug. 12	McArthur Bros	St. Ste. Marie	F. Hodge	23	No		No	Severe	30
Sept. 1	McArthur Bros	St. Ste. Marie	T. Trepars	....	Yes	No	No	Severe	14
Sept. 1	McArthur Bros	St. Ste. Marie.	F. Yaeck	34	No		No	Serious	21
Sept. 18	McArthur Bros	St. Ste. Marie.	P. Auzanisf	40	No		No	Severe	42
Sept. 26	McArthur Bros	St. Ste. Marie.	J. Smith	28	Yes		No	Severe	21
Mar. 15	Michigan-Lake Superior Power Co.	St. Ste. Marie	M. Belding	60	No		No	Slight	4½
July 15	Michigan-Lake Superior Power Co.	St. Ste. Marie.	W. Kuio	23	No		No	Slight	....
Sept. 8	Michigan-Lake Superior Power Co.	St. Ste. Marie.	M. Cook	35	No		No	Slight	4½
Mar 31	Northwestern Leather Co	St Ste. Marie.	T. Morfis	18	Yes	Yes	Yes	Serious	90
Dec. 18	Peninsula Bark & Lumber Co	St. Ste. Marie.	W. Gordon	38	No		No	Slight	10
May 10	Peninsula Bark & Lumber Co	St. Ste. Marie.	J. Kata	30	No		No	Severe	9
June 4	Peninsula Bark & Lumber Co	St. Ste. Marie.	I. Johnston	22	Yes	Yes	No	Severe	14
June 5	Peninsula Bark & Lumber Co	St. Ste. Marie.	C. Gill	23	No		No	Slight	1
June 17	Peninsula Bark & Lumber Co	St. Ste. Marie.	A. Newman	53	Yes	Yes	No	Severe	21
July 10	Peninsula Bark & Lumber Co	St. Ste. Marie.	M. Calbeck	27	Yes	Yes	No	Slight	4
July 10	Peninsula Bark & Lumber Co	St. Ste. Marie.	L. Coon	17	No		No	Slight	4
July 24	Peninsula Bark & Lumber Co	St. Ste. Marie.	O. Yalmor	40	No		No	Slight	....
July	Peninsula Bark & Lumber Co	St. Ste. Marie.	P. Bottrell	37	No		No	Slight	1
Aug. 1	Penn. Steel Bridge & Con. Co	St. Ste. Marie.	N. McLean	....	Yes	Yes	No	Severe	1
Aug. 4	Penn. Steel Bridge & Con. Co	St. Ste. Marie.	E. Kinney	30	No		No	Slight	3
Aug. 12	Penn. Steel Bridge & Con. Co	St. Ste. Marie.	A. Schlegal	40	No		No	Severe	10
Aug. 23	Penn. Steel Bridge & Con. Co	St. Ste. Marie.	F. Young	26	No		No	Slight	....
Sept. 15	Penn. Steel Bridge & Con. Co	St. Ste. Marie.	H. Haaela	32	No		No	Slight	....
Sept. 15	Penn. Steel Bridge & Con. Co	St. Ste. Marie.	J. Hedrick	26	No		No	Severe	10
Sept. 20	Penn. Steel Bridge & Con. Co	St. Ste. Marie	L. Bell	25	No		No	Slight	1
Jan. 13	Union Carbide Co	St. Ste. Marie.	T. Carbery	53	No		No	Severe	27
Feb. 23	Union Carbide Co	St. Ste. Marie.	H. Sharples	31	No		No	Serious	14
Feb. 14	Union Carbide Co	St. Ste. Marie.	F. Moffa	28	No		No	Slight	25
Feb. 24	Union Carbide Co	St. Ste. Marie.	P. Marciano	24	Yes	Yes	No	Slight	17

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	CHIPPEWA CO.—*Con.*								
Mar. 1	Union Carbide Co	St. Ste. Marie	M. Funnier	31	No	.....	No	Severe	16
Mar. 13	Union Carbide Co	St. Ste. Marie	S. Lightfoot	20	Yes	Yes	No	Slight	13
April 17	Union Carbide Co	St. Ste. Marie	O. Lahannen	26	No	.....	No	Serious	74
May 16	Union Carbide Co	St. Ste. Marie	M. Beloisis	21	Yes	Yes	No	Slight	6
May 20	Union Carbide Co	St. Ste. Marie	H. Brown	27	No	.....	No	Slight	49
June 6	Union Carbide Co	St. Ste. Marie	J. O'Connell	18	Yes	Yes	Yes	Serious	....
Sept. 23	Union Carbide Co	St. Ste. Marie	M. Bandit	32	No	.....	No	Severe	14
Sept. 25	Union Carbide Co	St. Ste. Marie	G. Russo	29	No	.....	No	Severe	32
Oct. 28	Union Carbide Co	St. Ste. Marie	J. Long	66	Yes	Yes	No	Serious	140
	CLINTON COUNTY.								
June 10	Au Sable Electric Co	DeWitt	L. Rich	21	No	.....	.....	Slight	1
	CRAWFORD COUNTY.								
April 7	Kerry & Hanson Flooring Co	Grayling	J. Schoonover	29	Yes	Yes	No	Severe	60
May 20	Kerry & Hanson Flooring Co	Grayling	J. Letzkus	26	Yes	Yes	No	Slight	....
Aug. 5	Kerry & Hanson Flooring Co	Grayling	J. Benmark	16	Yes	Yes	Yes	Slight	7
Aug. 22	Kerry & Hanson Flooring Co	Grayling	J. Letskus	26	Yes	Yes	No	Slight	1
Sept. 16	Kerry & Hanson Flooring Co	Grayling	J. Letskus	26	Yes	Yes	No	Slight	4
Sept. 20	Kerry & Hanson Flooring Co	Grayling	M. Hanson	17	Yes	Yes	Yes	Slight	14
Sept. 30	Kerry & Hanson Flooring Co	Grayling	J. Schmidt	25	No	.....	No	Slight	7
Oct. 1	Kerry & Hanson Flooring Co	Grayling	A. Joels	25	Yes	Yes	No	Slight	7
May 28	Salling, Hanson Co	Grayling	A. Barnaby	30	No	.....	No	Serious	....
June 30	Salling Hanson Co	Grayling	C. Martin	25	No	.....	No	Serious	....
Oct. 4	Salling, Hanson Co	Grayling	R. Richardson	56	No	.....	No	Serious	63
	DICKINSON COUNTY.								
Aug. 1	Munro Iron Mining Co	Norway	S. Benzie	20	No	.....	Yes	Slight	19
Oct. 10	Munro Iron Mining Co	Norway	E. Linden	24	No	.....	No	Slight	15
Sept. 15	Munro Iron Mining Co	Norway	J. Michaels	35	No	.....	No	Slight	20
	EATON COUNTY.								
Mar. 20	Au Sable Electric Co	Charlotte	G. Morris	23	Yes	Yes	Yes	Fatal	....
Mar. 10	Eastern Michigan Power Co	Charlotte	M. Martin	20	Yes	Yes	.....	Serious	150
April 2	W. Geddes	Charlotte	L. Eshenbacher	40	No	.....	Yes	Slight	42
Mar. 22	Hancock Mfg. Co	Charlotte	H. Hartsock	21	Yes	Yes	Yes	Severe	21
April 28	Hancock Mfg. Co	Charlotte	F. Edgerley	22	Yes	Yes	Yes	Serious	21
Jan. 31	L. H. Shepard Grain & Bean Co	Charlotte	A. Goldsmith	52	No	.....	No	Slight	35
Dec. 29	Eaton Rapids Woolen Mills	Eaton Rapids	N. Shorys	60	No	.....	Yes	Serious	105
Jan. 14	Eaton Rapids Woolen Mills	Eaton Rapids	W. Hunt	21	Yes	Yes	No	Slight	3
Feb. 10	Eaton Rapids Woolen Mills	Eaton Rapids	J. Fox	16	Yes	Yes	No	Serious	14
Mar. 14	Eaton Rapids Woolen Mills	Eaton Rapids	F. Bush	19	No	.....	No	Slight	7
July 5	City Water & Light Plant	Eaton Rapids	W. Woodmansee	48	No	.....	No	Fatal	....
Mar. 14	Eaton Rapids Woolen Mills	Eaton Rapids	B. Collins	21	Yes	Yes	Yes	Severe	14
June 26	Eaton Rapids Woolen Mills	Eaton Rapids	F. Olds	22	Yes	Yes	No	Slight	2
July 24	Eaton Rapids Woolen Mills	Eaton Rapids	D. Geiger	17	Yes	Yes	Yes	Severe	8
Feb. 13	Crawford Chair Co	Grand Ledge	G. Burns	23	Yes	Yes	No	Severe	28
Feb. 15	Crawford Chair Co	Grand Ledge	H. Treece	45	Yes	Yes	Yes	Serious	....
Feb. 17	Crawford Chair Co	Grand Ledge	G. Manis	54	Yes	No	No	Severe	19
Mar. 13	Crawford Chair Co	Grand Ledge	J. Cook	30	Yes	Yes	Yes	Slight	2
Mar. 31	Crawford Chair Co	Grand Ledge	H. Rossman	25	Yes	Yes	Yes	Severe	21
April 13	Crawford Chair Co	Grand Ledge	J. Girod	20	No	.....	No	Slight	....

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	EATON CO.—*Con.*								
April 30	Crawford Chair Co	Grand Ledge	G. Bordman	30	Yes	Yes	No	Severe	67
May 5	Crawford Chair Co	Grand Ledge	S. Cribb	33	Yes	Yes	Yes	Severe	74
Mar. 28	Eastern Michigan Power Co	Grand Ledge	N. Vos	35	No		Yes	Severe	90
Oct. 11	Eastern Michigan Power Co	Grand Ledge	B. Sweet	40	No			Slight	....
Feb. 1	Grand Ledge Chair Co	Grand Ledge	G. Galloway	36	Yes	Yes	No	Severe	7
Mar. 21	Grand Ledge Chair Co	Grand Ledge	E. Randell	22	No		No	Slight	....
April 2	Grand Ledge Chair Co	Grand Ledge	C. Thomas	44	No		No	Slight	....
April 16	Grand Ledge Chair Co	Grand Ledge	F. Crane	22	No		No	Slight	....
Oct. 10	Grand Ledge Sewer Pipe Co	Grand Ledge	C. Knauss	56	Yes	Yes	No	Serious	13
April 1	Grand Ledge Sewer Pipe Co	Grand Ledge	C. Knauss	56	No		No	Serious	50
	EMMET COUNTY.								
Feb. 1	Emmet Lumber Co	Cecil Bay	F. McDugan	17	No		No	Fatal	....
July 18	Emmet Lumber Co	Cecil Bay	F. Holly	43	Yes	Yes	Yes	Slight	14
May 14	The Harbor Springs Lumber Co	Harbor Springs	P. Bennet	40	Yes	Yes	No	Severe	21
Nov. 12	Petoskey Crushed Stone Co	Lamson	F. Luttee	52	Yes	Yes	No	Severe	90
May 20	John E. Reiter	Levering	D. Oleson	26	Yes	Yes	No	Severe	20
Nov. 5	Bear River Paper Co	Petoskey	W. Stegeman	45	Yes	Yes	Yes	Severe	17
Dec. 3	Bear River Paper Co	Petoskey	A. Totchman	45	No		No	Severe	42
Jan. 12	Bear River Paper Co	Petoskey	A. Burnet	....	Yes	Yes	No	Severe	21
Jan. 13	Bear River Paper Co	Petoskey	G. Cantile	37	No		No	Slight	5
Feb. 13	Bear River Paper Co	Petoskey	A Burges	25	Yes	Yes	No	Slight	10
Feb. 19	Bear River Paper Co	Petoskey	R. Teachout	23	Yes	Yes	No	Severe	113
Feb. 25	Bear River Paper Co	Petoskey	H. Johnston	34	Yes	Yes	No	Slight	....
Mar. 12	Bear River Paper Co	Petoskey	A. Johnston	54	No		No	Slight	13
Mar. 14	Bear River Paper Co	Petoskey	H. Rose	50	No		No	Severe	34
Mar. 15	Bear River Paper Co	Petoskey	C. Kinert	18	Yes	Yes	No	Slight	2
Mar. 18	Bear River Paper Co	Petoskey	C. Roberts	24	Yes	Yes	No	Severe	11
Mar. 20	Bear River Paper Co	Petoskey	L. Annesser	18	No		No	Severe	12
Mar. 26	Bear River Paper Co	Petoskey	F. Keproski	23	Yes	Yes	No	Severe	40
Mar. 29	Bear River Paper Co	Petoskey	J. Hinchman	37	Yes	Yes	Yes	Severe	....
Mar. 29	McManus Lumber Co	Petoskey	A. Heasly	52	No		No	Severe	120
Oct. 1	Bear River Paper Co	Petoskey	C. Pifer	44	No		No	Slight	8
Oct. 9	Bear River Paper Co	Petoskey	J. Egan	24	No		No	Severe	21
Oct. 22	Bear River Paper Co	Petoskey	H. Gerner	24	Yes	Yes	No	Slight	....
Nov. 26	Bear River Paper Co	Petoskey	W. Monaghan	24	Yes	Yes	No	Slight	2
July 9	Piffer & Burch	Wab-Me-Mie	L. Moore	26	Yes	Yes	Yes	Severe	30
	GENESSEE COUNTY.								
April 25	New Aetna Portland Cement Co	Fenton	G. Fay	43	No			Slight	1
April 28	New Aetna Portland Cement Co	Fenton	S. Naderes	30				Slight	4
April 29	New Aetna Portland Cement Co	Fenton	E. Lockwood	40	Yes	Yes		Slight	1
April 29	New Aetna Portland Cement Co	Fenton	W. Thompson	25	No			Severe	35
April 30	New Aetna Portland Cement Co	Fenton	G. McCollum	47	Yes	Yes	Yes	Slight	2
Mar. 18	New Aetna Portland Cement Co	Fenton	J. Rivers	28	Yes	Yes	Yes	Slight	2
June 30	New Aetna Portland Cement Co	Fenton	C. Chapin	50	Yes	Yes	No	Severe	3
July 13	New Aetna Portland Cement Co	Fenton	I. Oakley	22	Yes	Yes	Yes	Slight	7
Feb. 7	Au Sable Electric Co	Flint	C. Mantle	34	Yes	Yes		Slight	4
May 22	Au Sable Electric Co	Flint	J. Wood	28	No			Slight	....
Oct. 12	Au Sable Electric Co	Flint	W. Rowden	36	Yes	Yes		Slight	....
.....	Barney Granite & Marble Works	Flint	C. Vasbuder	....	No		No	Slight	....
.....	Barney Granite & Marble Works	Flint	W. Bennett	....	No		Yes	Slight	7
Dec. 12	Weston-Mott Co., No. 5	Flint	W. O'Hanlon	19	Yes	Yes	No	Slight	....
Dec. 12	Weston-Mott Co., No. 5	Flint	L. Blondin	21	Yes	Yes	No	Slight	....

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	GENESEE CO.—*Con.*								
Dec. 5	Weston-Mott Co., No. 5	Flint	S. Kalinski	34	Yes	Yes	No	Slight	....
Dec. 6	Weston-Mott Co., No. 5	Flint	E. Brant	21	Yes	Yes	No	Slight	....
Dec. 9	Weston-Mott Co., No. 5	Flint	G. Martin	22	Yes	Yes	No	Slight	....
Dec. 10	Weston-Mott Co., No. 5	Flint	F. Lucas	22	No	.....	No	Slight	....
Dec. 12	Weston-Mott Co., No. 5	Flint	G. Gook	29	Yes	Yes	No	Slight	....
Dec. 13	Weston-Mott Co., No. 5	Flint	M. Klein	26	No	.....	No	Severe	....
Dec. 16	Weston-Mott Co., No. 5	Flint	T. Cabin	27	Yes	Yes	No	Slight	....
Dec. 17	Weston-Mott Co., No. 5	Flint	I. Beaupre	33	Yes	Yes	No	Slight	....
Dec. 18	Weston-Mott Co., No. 5	Flint	J. Lile	39	No	.....	No	Severe	....
Dec. 23	Weston-Mott Co., No. 5	Flint	M. Thornton	26	No	.....	No	Slight	....
Dec. 23	Weston-Mott Co., No. 5	Flint	R. Brown	24	Yes	Yes	No	Severe	1
Dec. 24	Weston-Mott Co., No. 5	Flint	M. Ziembiski	35	Yes	Yes	No	Slight	....
Dec. 27	Weston-Mott Co., No. 5	Flint	M. Klein	26	Yes	Yes	No	Slight	....
Dec. 30	Weston-Mott Co., No. 5	Flint	E. Burlingham	29	Yes	Yes	No	Slight	....
Dec. 30	Weston-Mott Co., No. 5	Flint	G. Stevens	21	No	.....	No	Slight	...
Dec. 30	Weston-Mott Co., No. 5	Flint	Wooliver	18	Yes	Yes	No	Severe	....
Dec. 31	Weston-Mott Co., No. 5	Flint	C. Wellett	20	Yes	Yes	No	Slight	....
Jan. 2	Weston-Mott Co., No. 4	Flint	A. Atwell	24	No	.....	No	Slight	....
Jan. 2	Weston-Mott Co., No. 4	Flint	W. Ewer	40	Yes	Yes	No	Slight	....
Jan. 3	Weston-Mott Co., No. 4	Flint	F. Gulliver	25	Yes	Yes	No	Slight	....
Jan. 3	Weston-Mott Co., No. 4	Flint	F. Bois	20	No	.....	No	Slight	....
Jan. 3	Weston-Mott Co., No. 4	Flint	M. Johnson	30	Yes	Yes	No	Slight	....
Jan. 4	Weston-Mott Co., No. 4	Flint	P. Myer	22	Yes	Yes	No	Slight	....
Jan. 4	Weston-Mott Co., No. 4	Flint	I. Raymond	31	Yes	Yes	No	Slight	....
Jan. 6	Weston-Mott Co., No. 4	Flint	S. Dobos	32	Yes	Yes	No	Slight	....
Jan. 7	Weston-Mott Co., No. 4	Flint	E. McNaughton	31	No	.....	No	Severe	6
Jan. 8	Weston-Mott Co., No. 4	Flint	F. Peters	50	Yes	Yes	No	Slight	....
Jan. 8	Weston-Mott Co., No. 4	Flint	S. Dobos	32	No	.....	No	Slight	....
Jan. 8	Weston-Mott Co., No. 4	Flint	J. Ackerman	18	Yes	Yes	No	Slight	....
Jan. 8	Weston-Mott Co., No. 4	Flint	G. Shell	23	Yes	Yes	Yes	Severe	....
Jan. 9	Weston-Mott Co., No. 4	Flint	J. Icke	32	Yes	Yes	No	Slight	....
Jan. 9	Weston-Mott Co., No. 4	Flint	D. Vandervoort	25	Yes	Yes	No	Slight	....
Jan. 10	Weston-Mott Co., No. 4	Flint	S. Rich	20	Yes	Yes	No	Slight	....
Jan. 11	Weston-Mott Co., No. 4	Flint	F. Hazel	32	No	.....	No	Slight	....
Jan. 10	Weston-Mott Co., No. 4	Flint	J. Icke	32	Yes	Yes	No	Slight	....
Jan. 10	Weston-Mott Co., No. 4	Flint	G. Lukes	33	Yes	Yes	Yes	Slight	....
Jan. 10	Weston-Mott Co., No. 4	Flint	M. Schmidt	43	Yes	Yes	No	Slight	....
Jan. 10	Weston-Mott Co., No. 4	Flint	F. Fairfield	26	No	.....	No	Slight	....
Jan. 10	Weston-Mott Co., No. 4	Flint	J. Cavanaugh	20	Yes	Yes	No	Slight	....
Jan. 11	Weston-Mott Co., No. 4	Flint	R. Lawrence	23	Yes	Yes	No	Slight	....
Jan. 11	Weston-Mott Co., No. 4	Flint	G. LeClair	48	Yes	Yes	No	Slight	....
Jan. 11	Weston-Mott Co., No. 4	Flint	E. Christenson	21	No	.....	No	Slight	....
Jan. 13	Weston-Mott Co., No. 4	Flint	S. Michals	23	Yes	Yes	No	Slight	....
Jan. 13	Weston-Mott Co., No. 4	Flint	L. Potter	21	No	.....	No	Slight	....
Jan. 13	Weston-Mott Co., No. 4	Flint	H. Reynolds	21	No	.....	No	Slight	....
Jan. 13	Weston-Mott Co., No. 4	Flint	T. Carr	25	No	.....	No	Slight	....
Jan. 14	Weston-Mott Co., No. 4	Flint	W. Elliott	18	Yes	Yes	No	Slight	....
Jan. 14	Weston-Mott Co., No. 4	Flint	C. Case	21	No	.....	No	Slight	....
Jan. 14	Weston-Mott Co., No. 4	Flint	H. Bowie	23	No	.....	No	Slight	....
Jan. 14	Weston-Mott Co., No. 4	Flint	E. Scott	34	Yes	Yes	No	Severe	10
Jan. 14	Weston-Mott Co., No. 4	Flint	C. Yarrington	25	Yes	Yes	No	Slight	....
Jan. 15	Weston-Mott Co., No. 4	Flint	E. Christenson	21	No	.....	No	Slight	1
Jan. 15	Weston-Mott Co., No. 4	Flint	O. Cox	23	Yes	Yes	No	Slight	....
Jan. 15	Weston-Mott Co., No. 4	Flint	R. Marshall	34	Yes	Yes	No	Slight	....
Jan. 15	Weston-Mott Co., No. 4	Flint	R. Card	24	No	.....	No	Slight	....
Jan. 15	Weston-Mott Co., No. 4	Flint	F. Svorfi	51	No	.....	No	Slight	....
Jan. 16	Weston-Mott Co., No. 4	Flint	W. Byers	28	Yes	Yes	No	Slight	....
Jan. 17	Weston-Mott Co., No. 4	Flint	C. Ranney	16	No	.....	No	Slight	....
Jan. 17	Weston-Mott Co., No. 4	Flint	W. Devonge	34	No	.....	No	Slight	....
Jan. 18	Weston-Mott Co., No. 4	Flint	L. Kerrigan	45	No	.....	No	Slight	....

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Record of accidents given by counties, etc.—Continued.

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	GENESEE CO.—*Con.*								
Jan. 20	Weston-Mott Co., No. 4	Flint	S. Pond	29	No		No	Severe	2
Jan. 20	Weston-Mott Co., No. 4	Flint	C. Garland	32	Yes	Yes	No	Slight	
Jan. 20	Weston-Mott Co., No. 4	Flint	J. O'Brien	35	No		No	Slight	
Jan. 21	Weston-Mott Co., No. 4	Flint	L. Phelps	22	No		No	Severe	
Jan. 21	Weston-Mott Co., No. 4	Flint	J. Nolin	20	No		No	Slight	
Jan. 22	Weston-Mott Co., No. 4	Flint	A. Chatters	39	Yes	Yes	No	Severe	
Jan. 23	Weston-Mott Co., No. 4	Flint	W. Grains	20	No		No	Slight	
Jan. 23	Weston-Mott Co., No. 4	Flint	E. Lawrence	31	Yes	Yes	No	Slight	
Jan. 23	Weston-Mott Co., No. 4	Flint	W. Hulsey	26	Yes	Yes	No	Slight	
Jan. 23	Weston-Mott Co., No. 4	Flint	J. Yesto	28	No		No	Slight	
Jan. 24	Weston-Mott Co., No. 4	Flint	D. Vandervoort	25	Yes	Yes	No	Slight	
Jan. 24	Weston-Mott Co., No. 4	Flint	B. Smith	26	No		No	Severe	
Jan. 24	Weston-Mott Co., No. 4	Flint	M. Klein	26	Yes	Yes	No	Slight	
Jan. 24	Weston-Mott Co., No. 4	Flint	W. Cox	23	Yes	Yes	No	Slight	
Jan. 24	Weston-Mott Co., No. 4	Flint	C. Condon	19	No		No	Slight	
Jan. 25	Weston-Mott Co., No. 4	Flint	P. Lacey	20	Yes	Yes	No	Slight	
Jan. 25	Weston-Mott Co., No. 4	Flint	C. Evans	26	Yes	Yes	No	Slight	
Jan. 25	Weston-Mott Co., No. 4	Flint	R. Willette	29	Yes	Yes	No	Slight	
Jan. 25	Weston-Mott Co., No. 4	Flint	W. Ford	34	No		No	Slight	
Jan. 27	Weston-Mott Co., No. 4	Flint	F. Churran	31	Yes	Yes	No	Slight	
Jan. 28	Weston-Mott Co., No. 4	Flint	R. Willette	29	No		No	Slight	
Jan. 28	Weston-Mott Co., No. 4	Flint	J. Kanowich	22	No		No	Severe	
Jan. 29	Weston-Mott Co., No. 4	Flint	C. Allen	23	Yes	Yes	No	Slight	
Jan. 29	Weston-Mott Co., No. 4	Flint	C. Rounds	20	Yes	Yes	No	Severe	
Jan. 29	Weston-Mott Co., No. 4	Flint	Gaefcke	25	Yes	Yes	No	Slight	
Jan. 30	Weston-Mott Co., No. 4	Flint	J. Kondra	26	Yes	Yes	No	Slight	
Jan. 30	Weston-Mott Co., No. 4	Flint	D. Sheldon	30	No		No	Slight	
Jan. 30	Weston-Mott Co., No. 4	Flint	W. Brooks	22	Yes	Yes	No	Slight	
Jan. 31	Weston-Mott Co., No. 4	Flint	R. Neely	25	Yes	Yes	No	Slight	
Jan. 31	Weston-Mott Co., No. 4	Flint	G. Lauderbaugh	57	No		No	Slight	
Feb. 1	Weston-Mott Co., No. 4	Flint	N. Graham	35	No		No	Slight	
Feb. 7	Weston-Mott Co., No. 4	Flint	E. Atwell	24	No		No	Slight	
Feb. 7	Weston-Mott Co., No. 4	Flint	G. French	28	Yes	Yes	No	Slight	
Feb. 7	Weston-Mott Co., No. 4	Flint	F. Tabit	35	No		No	Slight	
Feb. 8	Weston-Mott Co., No. 4	Flint	Al. Forestall	34	Yes	Yes	No	Slight	
Feb. 8	Weston-Mott Co., No. 4	Flint	B. Mosher	31	Yes	Yes	No	Slight	
Feb. 8	Weston-Mott Co., No. 4	Flint	D. Skidmore	32	No		No	Slight	
Feb. 10	Weston-Mott Co., No. 4	Flint	P. Lacey	20	Yes	Yes	Yes	Slight	
Feb. 11	Weston-Mott Co., No. 4	Flint	G. Lauderbaugh	57	Yes	Yes	No	Slight	
Feb. 12	Weston-Mott Co., No. 4	Flint	T. Ross	23	Yes	Yes	No	Slight	
Feb. 12	Weston-Mott Co., No. 4	Flint	P. Multor	54	Yes	Yes	No	Slight	
Feb. 13	Weston-Mott Co., No. 4	Flint	H. Garland	32	Yes	Yes	No	Slight	
Feb. 14	Weston-Mott Co., No. 4	Flint	S. Snydes	31	Yes	Yes	No	Severe	
Feb. 14	Weston-Mott Co, No. 4	Flint	G. Losie	32	No		No	Slight	
Feb. 15	Weston-Mott Co., No. 4	Flint	C. Adams	34	Yes	Yes	No	Slight	
Feb. 17	Weston-Mott Co., No. 4	Flint	O. Potter	32	No		No	Slight	
Feb. 18	Weston-Mott Co., No. 4	Flint	W. Stewart	32	Yes	Yes	No	Severe	2
Feb. 19	Weston-Mott Co., No. 4	Flint	C. Harendar	22	Yes	Yes	No	Slight	
Feb. 22	Weston-Mott Co., No. 4	Flint	A. Post	30	No		No	Slight	
Feb. 22	Weston-Mott Co., No. 4	Flint	H. Bentley	24	Yes	Yes	No	Slight	
Feb. 22	Weston-Mott Co., No. 4	Flint	H. Howard	45	Yes	Yes	No	Slight	
Feb. 22	Weston-Mott Co., No. 4	Flint	W. Gould	34	Yes	Yes	No	Slight	
Feb. 24	Weston-Mott Co., No. 4	Flint	F. Tabit	37	No		No	Severe	
Feb. 27	Weston-Mott Co., No. 4	Flint	G. Lauderbaugh	57	Yes	Yes	No	Severe	
Feb. 27	Weston-Mott Co., No. 4	Flint	C. Hervins	50	Yes	Yes	No	Serious	1
Mar. 4	Weston-Mott Co., No. 4	Flint	J. Super	25	No		No	Severe	5
Mar. 6	Weston-Mott Co., No. 4	Flint	E. Baker	25	Yes	Yes	No	Slight	
Mar. 6	Weston-Mott Co., No. 4	Flint	S. Matney	23	Yes	Yes	No	Slight	
Mar. 6	Weston-Mott Co., No. 4	Flint	H. Smith	29	Yes	Yes	No	Slight	
Mar. 6	Weston-Mott Co., No. 4	Flint	R. Willette	31	Yes	Yes	No	Slight	

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Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person around working machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	GENESEE CO.—*Con.*								
Mar. 6	Weston-Mott Co., No. 4	Flint	T. Caban	27	Yes	Yes	No	Severe	3
Mar. 6	Weston-Mott Co., No. 4	Flint	C. Harendar	22	Yes	Yes	No	Slight	....
Mar. 7	Weston-Mott Co., No. 4	Flint	N. Haig	27	Yes	Yes	No	Slight	2
Mar. 11	Weston-Mott Co., No. 4	Flint	J. Winden	56	....	....	....	Slight	....
Mar. 11	Weston-Mott Co., No. 4	Flint	G. French	28	Yes	Yes	No	Slight	....
Mar. 12	Weston-Mott Co., No. 4	Flint	T. Wenn	59	Yes	Yes	No	Severe	3
Mar. 12	Weston-Mott Co., No. 4	Flint	H. Garland	32	No	....	No	Slight	....
Mar. 14	Weston-Mott Co., No. 4	Flint	J. Lauzon	29	Yes	Yes	No	Severe	1
Mar. 15	Weston-Mott Co., No. 4	Flint	E. Aris	27	No	....	No	Slight	....
Mar. 17	Weston-Mott Co., No. 4	Flint	J. Lile	58	No	....	No	Slight	....
Mar. 19	Weston-Mott Co., No. 4	Flint	L. Lake	24	No	....	Yes	Slight	....
Mar. 19	Weston-Mott Co., No. 4	Flint	J. Arvis	36	Yes	Yes	No	Slight	....
Mar. 20	Weston-Mott Co., No. 4	Flint	A. Simpson	43	Yes	Yes	No	Severe	2
Mar. 27	Weston-Mott Co., No. 4	Flint	T. Caban	23	Yes	Yes	No	Severe	6
Mar. 29	Weston-Mott Co., No. 4	Flint	H. Brown	29	Yes	Yes	No	Slight	....
Mar. 29	Weston-Mott Co., No. 4	Flint	F. McLean	20	No	....	No	Severe	....
Mar. 29	Weston-Mott Co., No. 4	Flint	J. Dubois	27	Yes	Yes	No	Slight	....
Mar. 31	Weston-Mott Co., No. 4	Flint	W. Beaderstadt	24	Yes	Yes	No	Slight	....
April 1	Weston-Mott Co., No. 4	Flint	C. Wheeler	32	Yes	Yes	No	Severe	....
April 2	Weston-Mott Co., No. 4	Flint	J. Cama	21	No	....	No	Severe	....
April 4	Weston-Mott Co., No. 4	Flint	J. Hokanson	24	Yes	Yes	No	Severe	....
April 10	Weston-Mott Co., No. 4	Flint	C. Dougherty	32	Yes	Yes	No	Slight	....
April 11	Weston-Mott Co. No. 5	Flint	F. Vaillancourt	21	Yes	Yes	No	Slight	....
April 12	Weston-Mott Co., No. 4	Flint	C. LaPratt	17	Yes	Yes	No	Severe	....
April 12	Weston-Mott Co., No. 4	Flint	G. Hull	25	No	....	No	Slight	....
April 12	Weston-Mott Co., No. 4	Flint	R. Shriner	27	Yes	Yes	No	Slight	....
April 14	Weston-Mott Co., No. 5	Flint	E. Smith	22	Yes	Yes	No	Slight	....
April 18	Weston-Mott Co., No. 5	Flint	W. Thomaski	25	Yes	Yes	No	Slight	....
April 19	Weston-Mott Co., No. 4	Flint	R. Swain	24	Yes	Yes	No	Severe	....
April 19	Weston-Mott Co., No. 4	Flint	P. Gaefeke	25	Yes	Yes	No	Slight	....
April 23	Weston-Mott Co., No. 5	Flint	N. Fawcett	23	Yes	Yes	No	Slight	....
April 23	Weston-Mott Co., No. 4	Flint	P. Meyers	22	Yes	Yes	No	Slight	1
April 24	Weston-Mott Co., No. 4	Flint	F. Fairfield	27	Yes	Yes	No	Slight	....
April 24	Weston-Mott Co., No. 4	Flint	J. Icke	32	Yes	Yes	No	Slight	....
April 26	Weston-Mott Co., No. 4	Flint	G. Lauderbaugh	57	No	....	No	Slight	....
April 28	Weston-Mott Co., No. 4	Flint	A. Kopas	26	Yes	Yes	No	Slight	....
April 29	Weston-Mott Co., No. 5	Flint	R. Ross	32	No	....	No	Slight	....
April 29	Weston-Mott Co., No. 4	Flint	J. Lauzon	29	Yes	Yes	No	Slight	....
April 30	Weston-Mott Co., No. 4	Flint	E. McInnis	18	No	....	No	Slight	....
April 30	Weston-Mott Co., No. 4	Flint	M. Miller	35	Yes	Yes	No	Severe	....
April 30	Weston-Mott Co., No 5	Flint	C. Stebbins	20	Yes	Yes	No	Slight	....
May 2	Weston-Mott Co., No. 5	Flint	A. Carter	32	Yes	Yes	No	Slight	....
May 3	Weston-Mott Co., No. 5	Flint	O. Lawrence	34	Yes	Yes	No	Slight	....
May 3	Weston-Mott Co., No. 5	Flint	H. Crites	29	Yes	Yes	No	Slight	....
May 4	Weston-Mott Co., No. 5	Flint	L. Green	26	Yes	Yes	No	Slight	....
May 5	Weston-Mott Co., No. 5	Flint	J. Lanset	38	No	....	No	Slight	2
May 5	Weston-Mott Co., No. 4	Flint	S. Matney	24	Yes	Yes	No	Slight	....
May 5	Weston-Mott Co., No. 4	Flint	A. Campbell	39	No	....	No	Slight	....
May 6	Weston-Mott Co., No. 4	Flint	H. Tompkins	23	Yes	Yes	No	Slight	2
May 6	Weston-Mott Co., No. 4	Flint	G. Young	53	Yes	Yes	No	Severe	35
May 6	Weston-Mott Co., No.	Flint	J. Falkowski	29	Yes	Yes	No	Slight	....
May 7	Weston-Mott Co., No. 4	Flint	F. McLean	20	No	....	Yes	Severe	14
May 7	Weston-Mott Co., No. 4	Flint	S. Beach	24	Yes	Yes	No	Slight	....
May 8	Weston-Mott Co., No. 4	Flint	G. French	26	Yes	Yes	No	Slight	1
May 8	Weston-Mott Co	Flint	R. Shriner	30	Yes	Yes	No	Slight	....
May 12	Weston-Mott Co., No. 5	Flint	E. Sparks	20	No	....	No	Slight	....
May 12	Weston-Mott Co	Flint	J. Szalkey	29	Yes	Yes	No	Slight	....
May 12	Weston-Mott Co	Flint	A. McLeod	28	Yes	Yes	No	Slight	....
May 14	Weston-Mott Co., No. 4	Flint	S. Dobes	33	No	....	No	Slight	3
May 14	Weston-Mott Co., No. 4	Flint	P. Brunski	26	No	....	No	Slight	....

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	GENESEE CO.—*Con.*								
May 16	Weston-Mott Co	Flint	A. Chatters	36	Yes	Yes	No	Slight	....
May 17	Weston-Mott Co	Flint	G. Hammond	28	Yes	Yes	No	Slight	....
May 19	Weston-Mott Co	Flint	H. Crites	25	Yes	Yes	No	Severe	....
May 20	Weston-Mott Co., No. 4	Flint	M. Miller	35	Yes	Yes	No	Slight	....
May 20	Weston-Mott Co	Flint	E. Laurent	20	Yes	Yes	No	Slight	....
May 21	Weston-Mott Co., No. 4	Flint	W. Carter	33	Yes	Yes	No	Slight	....
May 21	Weston-Mott Co	Flint	E. Bundy	21	Yes	Yes	No	Slight	....
May 22	Weston-Mott Co., No. 4	Flint	B. Thorington	23	No		No	Slight	....
May 22	Weston-Mott Co., No. 4	Flint	M. Schmitt	43	No		No	Slight	....
May 22	Weston-Mott Co., No. 4	Flint	R. Smith	24	No		No	Severe	....
May 22	Weston-Mott Co	Flint	C. Allen	27	Yes	Yes	No	Slight	....
May 23	Weston-Mott Co., No. 4	Flint	P. Buinski	26	No		No	Slight	....
May 23	Weston-Mott Co	Flint	T. Lewis	30	Yes	Yes	No	Slight	....
May 24	Weston-Mott Co	Flint	G. Stevens	21	Yes	Yes	No	Slight	....
May 27	Weston-Mott Co	Flint	G. Stevens	21	Yes	Yes	No	Slight	....
May 27	Weston-Mott Co	Flint	C. Stank	21	Yes	Yes	No	Slight	....
May 28	Weston-Mott Co., No. 4	Flint	N. Haig	27	Yes	Yes	No	Slight	....
May 29	Weston-Mott Co	Flint	E. Brant	21	Yes	Yes	No	Slight	....
May 29	Weston-Mott Co., No. 4	Flint	H. Tabit	27	No		No	Severe	....
June 5	Weston-Mott Co., No. 5	Flint	A. Nottingham	24	No		No	Slight	....
June 5	Weston-Mott Co., No. 4	Flint	T. Kaye	50	Yes	Yes	No	Slight	....
June 6	Weston-Mott Co., No. 4	Flint	W. Bulger	29	No		No	Slight	....
June 6	Weston-Mott Co. No. 4	Flint	H. Patterson	20	No		No	Severe	....
June 7	Weston-Mott Co., No. 5	Flint	J. Wolitz	34	Yes	Yes	No	Slight	....
June 10	Weston-Mott Co., No. 4	Flint	F. Gyorfi	42	Yes	Yes	No	Slight	....
June 11	Weston-Mott Co., No. 4	Flint	J. Gorbutt	22	No		No	Slight	....
June 11	Weston-Mott Co., No. 5	Flint	J. Wolitz	34	Yes	Yes	No	Slight	....
June 11	Weston-Mott Co., No. 5	Flint	G. Schultz	32	Yes	Yes	No	Slight	....
June 11	Weston-Mott Co., No. 4	Flint	C. Huber	25	No		No	Slight	....
June 12	Weston-Mott Co., No. 4	Flint	P. Gaefcke	25	Yes	Yes	No	Slight	....
June 12	Weston-Mott Co., No. 4	Flint	C. Servey	31	Yes	Yes	No	Slight	....
June 13	Weston-Mott Co., No. 5	Flint	N. Curran	31	Yes	Yes	No	Slight	....
June 16	Weston-Mott Co., No. 5	Flint	T. Lewis	30	Yes	Yes	No	Slight	....
June 17	Weston-Mott Co., No. 4	Flint	T. Wenn	60	No		No	Slight	....
June 18	Weston-Mott Co., No. 5	Flint	J. McKrum	34	No		No	Serious	....
June 19	Weston-Mott Co., No. 4	Flint	E. Reese	18	No		No	Slight	....
June 26	Weston-Mott Co., No. 5	Flint	G. Schultz	32	Yes	Yes	No	Slight	....
June 27	Weston-Mott Co., No. 4	Flint	C. Perry	26	Yes	Yes	No	Slight	....
June 27	Weston-Mott Co., No. 5	Flint	G. Barlow	25	Yes	Yes	No	Slight	....
June 28	Weston-Mott Co., No. 5	Flint	G. Panhagen	24	Yes	Yes	No	Slight	....
June 28	Weston-Mott Co., No. 5	Flint	B. Banker	35	No		No	Serious	3
June 30	Weston-Mott Co., No. 5	Flint	T. Caban	27	No		Yes	Serious	1
July 1	Weston-Mott Co., No. 4	Flint	F. Butcher	68	No		No	Severe	....
July 1	Weston-Mott Co., No. 5	Flint	G. Barlow	25	Yes	Yes	No	Slight	....
July 2	Weston-Mott Co., No. 5	Flint	J. Saulkey	29	Yes	Yes	No	Slight	....
July 2	Weston-Mott Co., No. 5	Flint	W. Peake	34	Yes	Yes	No	Slight	....
July 2	Weston-Mott Co	Flint	G. LaCount	38	Yes	Yes	No	Slight	....
July 8	Weston-Mott Co., No. 5	Flint	E. Boydel	22	Yes	Yes	No	Slight	....
July 9	Weston-Mott Co., No. 4	Flint	S. Matney	24	Yes	Yes	No	Slight	....
July 9	Weston-Mott Co., No. 4	Flint	W. Ewer	40	Yes	Yes	No	Slight	....
July 9	Weston-Mott Co., No. 5	Flint	E. Hillock	38	No		No	Slight	....
July 9	Weston-Mott Co., No. 5	Flint	D. Cameron	20	Yes	Yes	No	Slight	....
July 9	Weston-Mott Co., No. 5	Flint	W. Roush	29	Yes	Yes	No	Slight	....
July 12	Weston-Mott Co., No. 5	Flint	C. Wagner	33	Yes	Yes	No	Slight	....
July 12	Weston-Mott Co., No. 5	Flint	W. Peake	34	Yes	Yes	No	Slight	....
July 12	Weston-Mott Co., No. 5	Flint	M. Jackson	20	Yes	Yes	No	Slight	....
July 14	Weston-Mott Co., No. 4	Flint	H. Peterson	35	Yes	Yes	No	Slight	....
July 15	Weston-Mott Co., No. 4	Flint	C. Pepper	29	Yes	Yes	No	Slight	....
July 15	Weston-Mott Co., No. 5	Flint	H. Frasier	30	Yes	Yes	No	Slight	....
July 16	Weston-Mott Co., No. 5	Flint	L. Stinson	21	Yes	Yes	No	Severe	....

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Record of accidents given by counties, etc.—Continued.

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	GENESEE CO.—*Con.*								
July 16	Weston-Mott Co., No. 5	Flint	G. Main	27	Yes	Yes	No	Slight	....
July 16	Weston-Mott Co., No. 5	Flint	L. Lewis	30	Yes	Yes	No	Slight	....
July 17	Weston-Mott Co., No. 5	Flint	M. Jackson	20	Yes	Yes	No	Slight	....
July 21	Weston-Mott Co., No. 4	Flint	A. Bader	33	Yes	Yes	No	Slight	....
July 21	Weston-Mott Co., No. 4	Flint	H. Brown	27	Yes	Yes	No	Slight	....
July 21	Weston-Mott Co., No. 4	Flint	W. Ewer	40	Yes	Yes	No	Slight	....
July 22	Weston-Mott Co., No. 5	Flint	P. Reinstadler	34	Yes	Yes	No	Slight	....
Oct. 7	Weston-Mott Co	Flint	J. Sonnenberg	25	No	.....	No	Slight	....
Oct. 9	Weston-Mott Co	Flint	I. Smith	26	Yes	Yes	Yes	Slight	....
Oct. 9	Weston-Mott Co	Flint	E. Hartshorn	34	Yes	Yes	Yes	Slight	....
Oct. 9	Weston-Mott Co	Flint	F. Hempstead	46	Yes	Yes	Yes	Slight	....
Oct. 9	Weston-Mott Co	Flint	C. Crum	23	Yes	Yes	Yes	Slight	....
Oct. 9	Weston-Mott Co	Flint	C. Hendricks	27	Yes	Yes	Yes	Slight	....
Oct. 9	Weston-Mott Co	Flint	S. Cudney	19	Yes	Yes	Yes	Slight	....
Oct. 9	Weston-Mott Co	Flint	H. Brady	16	Yes	Yes	Yes	Slight	....
Oct. 9	Weston-Mott Co	Flint	G. Fice	21	No	.....	Yes	Slight	....
Oct. 11	Weston-Mott Co	Flint	J. Ridder	37	No	.....	Yes	Slight	....
Oct. 11	Weston-Mott Co	Flint	P. Geroe	30	No	.....	Yes	Slight	....
Oct. 11	Weston-Mott Co	Flint	E. Beckwith	27	Yes	Yes	Yes	Slight	....
Oct. 11	Weston-Mott Co	Flint	E. Clapp	27	Yes	Yes	Yes	Slight	....
Oct. 11	Weston-Mott Co	Flint	L. Sedlone	34	No	.....	No	Slight	....
Oct. 12	Weston-Mott Co	Flint	F. Philip	31	Yes	.....	.....	Slight	....
Oct. 12	Weston-Mott Co	Flint	P. Fitspatrick	35	Yes	Yes	Yes	Slight	....
Oct. 14	Weston-Mott Co	Flint	H. Dedrick	23	Yes	No	Yes	Slight	....
Oct. 14	Weston-Mott Co	Flint	N. Craig	27	Yes	No	.....	Slight	....
Oct. 14	Weston-Mott Co	Flint	G. Ulirick	27	Yes	.....	.....	Slight	....
Oct. 14	Weston-Mott Co	Flint	L. Hartzell	19	Yes	No	No	Slight	....
Oct. 14	Weston-Mott Co	Flint	M. Dimmick	32	No	.....	Yes	Slight	....
Oct. 15	Weston-Mott Co	Flint	S. Leirn	28	No	.....	.....	Slight	....
Oct. 15	Weston-Mott Co	Flint	J. Gregory	26	Yes	Yes	Yes	Slight	....
Oct. 15	Weston-Mott Co	Flint	J. McFadden	29	Yes	No	No	Slight	....
Oct. 15	Weston-Mott Co	Flint	L. Knowles	42	Yes	Yes	Yes	Slight	....
Oct. 15	Weston-Mott Co	Flint	J. Mynear	28	Yes	No	No	Slight	....
Oct. 16	Weston-Mott Co	Flint	W. Mills	21	Yes	Yes	Yes	Slight	....
Oct. 16	Weston-Mott Co	Flint	W. Marshall	22	Yes	Yes	Yes	Slight	....
Oct. 16	Weston-Mott Co	Flint	J. Piguillem	20	Yes	Yes	Yes	Slight	....
Oct. 16	Weston-Mott Co	Flint	B. Wright	29	Yes	No	Yes	Slight	....
Oct. 16	Weston-Mott Co	Flint	E. Bartholomew	42	No	.....	No	Slight	....
Oct. 17	Weston-Mott Co	Flint	B. Sangster	28	Yes	Yes	.....	Slight	....
Oct. 17	Weston-Mott Co	Flint	W. Drew	27	No	.....	No	Slight	....
Oct. 18	Weston-Mott Co	Flint	J. Nowak	24	Yes	No	.....	Slight	....
Oct. 18	Weston-Mott Co	Flint	H. Devoldere	23	Yes	No	Yes	Slight	....
Oct. 18	Weston-Mott Co	Flint	J. Metz	23	No	.....	No	Slight	....
Oct. 18	Weston-Mott Co	Flint	H. Ellis	60	No	.....	Yes	Slight	....
Oct. 18	Weston-Mott Co	Flint	H. Rice	21	Yes	No	Yes	Slight	....
Oct. 18	Weston-Mott Co	Flint	W. Waskerwic	26	No	.....	No	Slight	....
Oct. 18	Weston-Mott Co	Flint	H. Wright	27	Yes	No	No	Slight	....
Oct. 19	Weston-Mott Co	Flint	H. Rozell	17	Yes	Yes	Yes	Slight	....
Oct. 19	Weston-Mott Co	Flint	J. O'Grady	24	Yes	Yes	Yes	Slight	....
Oct. 19	Weston-Mott Co	Flint	R. Smith	29	Yes	Yes	Yes	Slight	....
Oct. 21	Weston-Mott Co	Flint	E. Jackson	25	Yes	No	Yes	Slight	....
Oct. 21	Weston-Mott Co	Flint	F. Rearick	28	No	.....	No	Slight	....
Oct. 21	Weston-Mott Co	Flint	J. Wood	33	No	.....	Yes	Slight	....
Oct. 22	Weston-Mott Co	Flint	R. Allen	52	Yes	No	Yes	Slight	....
Oct. 22	Weston-Mott Co	Flint	J. Thoys	24	Yes	Yes	Yes	Slight	....
Oct. 23	Weston-Mott Co	Flint	L. Johnson	26	No	.....	Yes	Slight	....
Oct. 23	Weston-Mott Co	Flint	E. Mars	31	Yes	No	Yes	Slight	....
Oct. 23	Weston-Mott Co	Flint	R. Brown	17	Yes	Yes	Yes	Slight	....
Oct. 23	Weston-Mott Co	Flint	R. Samson	24	No	.....	Yes	Slight	....
Oct. 24	Weston-Mott Co	Flint	B. Lefere	30	Yes	Yes	Yes	Slight	....

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	GENESEE CO.—*Con.*								
Oct. 24	Weston-Mott Co	Flint	L. Ferguson	29	Yes	Yes	Yes	Slight	....
Oct. 24	Weston Mott Co	Flint	G. Hill	44	Yes	Yes	No	Slight	....
Oct. 24	Weston-Mott Co	Flint	C. Beck	23	No	....	Yes	Slight	1
Oct. 24	Weston-Mott Co	Flint	W. Thomas	24	Yes	Yes	No	Slight	....
Oct. 24	Weston-Mott Co	Flint	E. O'Connor	20	Yes	Yes	Yes	Slight	....
Oct. 24	Weston-Mott Co	Flint	M. Cole	29	Yes	Yes	No	Slight	....
Oct. 24	Weston-Mott Co	Flint	B. Wright	26	Yes	Yes	No	Slight	....
Oct. 24	Weston-Mott Co	Flint	I. Larkin	23	Yes	Yes	Yes	Slight	....
Oct. 25	Weston-Mott Co	Flint	J. Thorp	24	Yes	Yes	No	Slight	....
Oct. 25	Weston-Mott Co	Flint	E. Cole	34	Yes	Yes	Yes	Slight	....
Oct. 25	Weston-Mott Co	Flint	R. Suss	21	No	....	Yes	Slight	....
Oct. 26	Weston-Mott Co	Flint	M. Paluck	21	No	....	Yes	Slight	....
Oct. 26	Weston-Mott Co	Flint	R. Watson	22	Yes	Yes	Yes	Slight	....
Oct. 26	Weston-Mott Co	Flint	B. Laden	22	Yes	Yes	No	Slight	....
Oct. 26	Weston-Mott Co	Flint	C. Schied	30	Yes	Yes	No	Slight	....
Oct. 26	Weston-Mott Co	Flint	H. Wright	27	Yes	Yes	No	Slight	....
Oct. 26	Weston-Mott Co	Flint	C. Parish	42	Yes	Yes	Yes	Slight	....
Oct. 28	Weston-Mott Co	Flint	W. Hill	45	No	....	Yes	Slight	....
Oct. 28	Weston-Mott Co	Flint	W. Flummerfelt	38	Yes	Yes	Yes	Slight	....
Oct. 28	Weston-Mott Co	Flint	J. McCue	32	No	....	No	Slight	....
Oct. 28	Weston-Mott Co	Flint	C. Wheeler	38	Yes	Yes	Yes	Slight	....
Oct. 28	Weston-Mott Co	Flint	R. LeBlanc	25	No	....	Yes	Slight	....
Oct. 28	Weston-Mott Co	Flint	R. Stevens	22	Yes	Yes	Yes	Slight	....
Oct. 28	Weston-Mott Co	Flint	C. Randall	40	Yes	Yes	Yes	Slight	....
Oct. 28	Weston-Mott Co	Flint	W. Seelman	21	No	....	Yes	Slight	....
Oct. 29	Weston-Mott Co	Flint	L. Carpenter	28	Yes	Yes	Yes	Slight	....
Oct. 29	Weston-Mott Co	Flint	J. McCue	32	No	....	Yes	Slight	....
Oct. 29	Weston-Mott Co	Flint	L. Fozer	28	No	....	No	Slight	....
Oct. 29	Weston-Mott Co	Flint	J. Mathews	34	No	....	Yes	Slight	....
Oct. 29	Weston-Mott Co	Flint	H. Wolcott	27	Yes	Yes	Yes	Slight	....
Oct. 29	Weston-Mott Co	Flint	R. Martin	51	No	....	Yes	Slight	....
Oct. 29	Weston-Mott Co	Flint	E. Bartholomew	42	No	....	Yes	Slight	....
Oct. 30	Weston-Mott Co	Flint	R. Salmon	49	No	....	Yes	Slight	....
Oct. 30	Weston-Mott Co	Flint	R. Neely	25	Yes	Yes	....	Slight	....
Oct. 30	Weston-Mott Co	Flint	H. Holmes	27	No	....	Yes	Slight	....
Oct. 30	Weston-Mott Co	Flint	T. Cole	30	No	....	Yes	Slight	....
Oct. 31	Weston-Mott Co	Flint	M. Moritz	35	No	....	Yes	Slight	....
Oct. 31	Weston-Mott Co	Flint	R. Chapman	29	Yes	Yes	Yes	Slight	....
Nov. 1	Weston-Mott Co	Flint	J. Ferrer	28	No	....	Yes	Slight	....
Nov. 1	Weston-Mott Co	Flint	H. French	26	Yes	Yes	Yes	Slight	....
Nov. 2	Weston-Mott Co	Flint	W. Hoornaert	35	No	....	Yes	Slight	....
Nov. 2	Weston-Mott Co	Flint	H. Helmer	28	No	....	Yes	Slight	....
Nov. 4	Weston-Mott Co	Flint	G. Mulvaney	18	Yes	Yes	Yes	Slight	....
Nov. 4	Weston-Mott Co	Flint	A. Farrow	20	Yes	Yes	Yes	Slight	....
Nov. 4	Weston-Mott Co	Flint	F. Hitchcock	20	Yes	Yes	Yes	Slight	....
Nov. 4	Weston-Mott Co	Flint	G. Hamer	42	No	....	Yes	Slight	....
Nov. 4	Weston-Mott Co	Flint	R. Salmon	49	No	....	Yes	Slight	....
Nov. 5	Weston-Mott Co	Flint	R. Dolson	26	No	....	Yes	Slight	....
Nov. 6	Weston-Mott Co	Flint	S. Meyer	32	No	....	Yes	Slight	....
Nov. 6	Weston-Mott Co	Flint	P. Fitzpatrick	37	No	....	Yes	Slight	....
Nov. 6	Weston-Mott Co	Flint	W. Luce	44	Yes	Yes	Yes	Slight	....
Nov. 6	Weston-Mott Co	Flint	J. Daymont	28	Yes	Yes	Yes	Slight	....
Nov. 6	Weston-Mott Co	Fint	G. Soper	38	No	....	Yes	Slight	1
Nov. 6	Weston-Mott Co	Flint	J. Corbett	58	No	....	Yes	Slight	....
Nov. 6	Weston-Mott Co	Flint	J. Bailey	45	Yes	Yes	Yes	Slight	....
Nov. 8	Weston-Mott Co	Flint	I. Foster	24	No	....	Yes	Slight	....
Nov. 8	Weston-Mott Co	Flint	F. Shaw	46	No	....	Yes	Slight	....
Nov. 8	Weston-Mott Co	Flint	E. Watson	22	Yes	Yes	Yes	Slight	....
Nov. 8	Weston-Mott Co	Flint	G. Harris	26	Yes	Yes	Yes	Slight	....
Nov. 9	Weston-Mott Co	Flint	J. Farber	30	Yes	Yes	Yes	Slight	....

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Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person around working machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	GENESEE CO.—*Con.*								
Nov. 9	Weston-Mott Co	Flint	W. Setchfield	39			Yes	Slight	
Nov. 11	Weston-Mott Co	Flint	D. Wilson		Yes	Yes	Yes	Slight	
Nov. 11	Weston-Mott Co	Flint	F. Metzgen	23	No		Yes	Slight	
Nov. 11	Weston-Mott Co	Flint	J. Jagwezki	28	No		Yes	Slight	
Nov. 11	Weston-Mott Co	Flint	G. Landry	31	Yes	Yes	Yes	Slight	
Nov. 11	Weston-Mott Co	Flint	S. Patter	19	Yes	Yes	Yes	Slight	
Nov. 12	Weston-Mott Co	Flint	T. Gardner	32	Yes	Yes	Yes	Slight	
Nov. 12	Weston-Mott Co	Flint	B. Hess	23	Yes	Yes	Yes	Slight	
Nov. 13	Weston-Mott Co	Flint	R. Groff	28	Yes	Yes	Yes	Slight	
Nov. 13	Weston-Mott Co	Flint	R. VanDorn	20	Yes	Yes	Yes	Slight	
Nov. 13	Weston-Mott Co	Flint	C. Brick	24	No		Yes	Slight	
Nov. 13	Weston-Mott Co	Flint	A. Woolston	26	Yes	Yes	Yes	Slight	
Nov. 14	Weston-Mott Co	Flint	J. Allen	24	Yes	Yes	Yes	Slight	
Nov. 14	Weston-Mott Co	Flint	H. Fraser	56	No		No	Slight	
Nov. 14	Weston-Mott Co	Flint	R. Brown	17	No		Yes	Slight	
Nov. 14	Weston-Mott Co	Flint	J. McFadden	29	Yes	Yes	Yes	Slight	
Nov. 15	Weston-Mott Co	Flint	D. Wilson	26	Yes	Yes	Yes	Slight	
Nov. 15	Weston-Mott Co	Flint	L. Hartzell	19			Yes	Slight	
Nov. 15	Weston-Mott Co	Flint	I. Smith	37	No		Yes	Slight	
Nov. 15	Weston-Mott Co	Flint	R. DeLong	31	Yes	Yes	Yes	Slight	
Nov. 15	Weston-Mott Co	Flint	P. Nuttle	21	Yes	Yes	Yes	Slight	
Nov. 15	Weston-Mott Co	Flint	W. Emery	26	No		Yes	Slight	
Nov. 15	Weston-Mott Co	Flint	R. Townsend	33	No		Yes	Slight	
Nov. 16	Weston-Mott Co	Flint	F. Marklund	38			Yes	Slight	
Nov. 16	Weston-Mott Co	Flint	T. Esseletyne	63	No		Yes	Slight	
Nov. 18	Weston-Mott Co	Flint	T. Lamontagne	26	No		Yes	Slight	
Nov. 18	Weston-Mott Co	Flint	A. Woolston	26	Yes		Yes	Slight	
Nov. 18	Weston-Mott Co	Flint	W. Fottin	18	Yes	Yes	Yes	Slight	
Nov. 19	Weston-Mott Co	Flint	A. Cartier	37	Yes			Slight	
Nov. 19	Weston-Mott Co	Flint	E. Thomas	27			Yes	Slight	
Nov. 19	Weston-Mott Co	Flint	G. Casey	35			Yes	Slight	
Nov. 20	Weston-Mott Co	Flint	A. Woolston	26			Yes	Slight	
Nov. 20	Weston-Mott Co	Flint	F. Englebert	29			Yes	Slight	
Nov. 20	Weston-Mott Co	Flint	B. Miller	21	Yes	Yes	Yes	Slight	
Nov. 20	Weston-Mott Co	Flint	G. Mynear	28	No		Yes	Slight	
Nov. 20	Weston-Mott Co	Flint	C. Sanborn	21	Yes		No	Slight	
Nov. 21	Weston-Mott Co	Flint	H. Gordon	32	Yes	Yes	No	Slight	
Nov. 21	Weston-Mott Co	Flint	L. Hakes	21			No	Slight	
Nov. 21	Weston-Mott Co	Flint	H. Everingham	25	No		Yes	Slight	
Nov. 21	Weston-Mott Co	Flint	F. Oakes	25	Yes	Yes	Yes	Slight	
Nov. 21	Weston-Mott Co	Flint	W. Husted	20	No		Yes	Slight	
Nov. 22	Weston-Mott Co	Flint	J. Brown	24	Yes	Yes	Yes	Slight	
Nov. 23	Weston-Mott Co	Flint	J. McGovern	22	No		Yes	Slight	
Nov. 23	Weston-Mott Co	Flint	A. Roe	25	No		No	Slight	
Nov. 23	Weston-Mott Co	Flint	W. Bryan	24	Yes	Yes	Yes	Slight	
Nov. 23	Weston-Mott Co	Flint	E. Berkman	22			No	Slight	
Nov. 25	Weston-Mott Co	Flint	W. Kilburn	32	Yes	Yes	Yes	Slight	
Nov. 26	Weston-Mott Co	Flint	H. Hall	48	Yes	Yes	Yes	Slight	
Nov. 26	Weston-Mott Co	Flint	I. Lewis	40	Yes	Yes	Yes	Slight	
Nov. 27	Weston-Mott Co	Flint	H. Bailey	23	Yes			Slight	
Nov. 27	Weston-Mott Co	Flint	A. Yax	33	Yes	Yes	Yes	Slight	
Nov. 27	Weston-Mott Co	Flint	M. Haasen	22	No		No	Slight	
Nov. 29	Weston-Mott Co	Flint	L. Hentzell	29	No		Yes	Slight	
Dec. 2	Weston-Mott Co	Flint	R. Campbell	20	Yes	Yes	Yes	Slight	
Dec. 2	Weston-Mott Co	Flint	A. Sands	38	No		Yes	Slight	

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	GENESEE CO.—*Con.*								
Dec. 2	Weston-Mott Co	Flint	F. Tait	18	Yes			Slight	
Dec. 4	Weston-Mott Co	Flint	C. Avery	36	Yes	Yes	Yes	Slight	
Dec. 4	Weston-Mott Co	Flint	P. Sedlyar	19	Yes		Yes	Slight	
Dec. 5	Weston-Mott Co	Flint	W. Hanson	21	No		No	Slight	
Dec. 5	Weston-Mott Co	Flint	C. Fisher	30	Yes		Yes	Slight	
Dec. 5	Weston-Mott Co	Flint	W. Kitser	20	Yes		Yes	Slight	
Dec. 5	Weston-Mott Co	Flint	J. Woolcott	32	Yes		Yes	Slight	
Dec. 5	Weston-Mott Co	Flint	W. Rich	22	Yes	Yes	Yes	Slight	
Dec. 5	Weston-Mott Co	Flint	H. Farrell	23	Yes	Yes	Yes	Slight	
Dec. 6	Weston-Mott Co	Flint	H. Manchester	30	Yes	Yes	No	Slight	
Dec. 6	Weston-Mott Co	Flint	F. Cobb	28	No		Yes	Slight	
Dec. 6	Weston-Mott Co	Flint	H. Sills	30	Yes	Yes	Yes	Slight	
Dec. 6	Weston-Mott Co	Flint	W. Johnson	18	Yes		Yes	Slight	
Dec. 7	Weston-Mott Co	Flint	H. Helmer	28	Yes		Yes	Slight	
Dec. 7	Weston-Mott Co	Flint	H. Beck	22	No		Yes	Slight	
Dec. 7	Weston-Mott Co	Flint	E. Williams	21	Yes		No	Slight	
Dec. 7	Weston-Mott Co	Flint	R. Misner	26	Yes	Yes	Yes	Slight	
Dec. 7	Weston-Mott Co	Flint	W. Heenan	20	No		Yes	Slight	
Dec. 8	Weston-Mott Co	Flint	A. Talbot	22	Yes		Yes	Slight	
Dec. 9	Weston-Mott Co	Flint	E. Muller	23	Yes	Yes	Yes	Slight	
Dec. 9	Weston-Mott Co	Flint	J. Wood	33	Yes	Yes	Yes	Slight	
Dec. 10	Weston-Mott Co	Flint	Floyd Cole	29	Yes	Yes	Yes	Slight	
Dec. 10	Weston-Mott Co	Flint	H. Porter	32	Yes	Yes	Yes	Slight	
Dec. 10	Weston-Mott Co	Flint	T. Howard	40	No		Yes	Slight	
Dec. 11	Weston-Mott Co	Flint	W. Giles	20	No		Yes	Slight	
Dec. 11	Weston-Mott Co	Flint	J. McCue	31	Yes	Yes	Yes	Slight	
Dec. 11	Weston-Mott Co	Flint	M. Nuttle	21	Yes	Yes	Yes	Slight	
Dec. 11	Weston-Mott Co	Flint	C. Ferris	48	Yes			Slight	
Dec. 11	Weston-Mott Co	Flint	B. Hess	23	Yes		Yes	Slight	
Dec. 11	Weston-Mott Co	Flint	F. Cole	29	Yes	Yes	Yes	Slight	
Dec. 12	Weston-Mott Co	Flint	N. Pratt	27	No		Yes	Slight	
Dec. 13	Weston-Mott Co	Flint	T. Bruette	20	Yes	Yes	Yes	Slight	
Dec. 13	Weston-Mott Co	Flint	T. Tait	19	Yes	Yes	Yes	Slight	
Dec. 13	Weston-Mott Co	Flint	V. Filer	23				Slight	
Dec. 13	Weston-Mott Co	Flint	D. Monroe	35	Yes			Serious	
Dec. 14	Weston-Mott Co	Flint	A. Hoffer	37	Yes			Slight	
Dec. 16	Weston-Mott Co	Flint	R. DeLong	31	No		Yes	Slight	
Dec. 16	Weston-Mott Co	Flint	W. Lee	25	Yes	Yes	No	Slight	
Dec. 16	Weston-Mott Co	Flint	J. Williamson	28	No			Slight	
Dec. 16	Weston-Mott Co	Flint	F. Thorp	24	Yes			Slight	
Dec. 16	Weston-Mott Co	Flint	G. Ralph	22	Yes	Yes	Yes	Slight	
Dec. 17	Weston-Mott Co	Flint	J. McGovern	22	No		No	Slight	
Dec. 17	Weston-Mott Co	Flint	M. Wilton	48	No		No	Slight	
Dec. 17	Weston-Mott Co	Flint	C. Shepard	45	Yes	Yes	Yes	Slight	
Dec. 18	Weston-Mott Co	Flint	R. Babcock	21	Yes	Yes	Yes	Slight	
Dec. 18	Weston-Mott Co	Flint	H. Link	24	No		Yes	Slight	
Dec. 18	Weston-Mott Co	Flint	N. Smith	30	Yes	Yes	Yes	Slight	
Dec. 19	Weston-Mott Co	Flint	J. Wyman	21	Yes	Yes	Yes	Slight	
Dec. 19	Weston-Mott Co	Flint	W. Johnson	25	No		No	Slight	
Dec. 20	Weston-Mott Co	Flint	R. Ferguson	34	Yes	Yes	Yes	Slight	
Dec. 20	Weston-Mott Co	Flint	N. Pratt	27	No			Slight	
Dec. 20	Weston-Mott Co	Flint	W. Grae	32	Yes	Yes	Yes	Slight	
Jan. 3	Weston-Mott Co	Flint	C. Fee	18	Yes	Yes	Yes	Slight	
Jan. 3	Weston-Mott Co	Flint	R. Sills	27	No			Slight	
Jan. 3	Weston-Mott Co	Flint	H. Everingham	23	No			Slight	
Jan. 4	Weston-Mott Co	Flint	C. Goodenough	25	No			Slight	
Jan. 4	Weston-Mott Co	Flint	S. Stout	16	No			Slight	
Jan. 6	Weston-Mott Co	Flint	F. Geney	26	No			Slight	
Jan. 6	Weston-Mott Co	Flint	F. Pike	35	No			Slight	
Jan. 8	Weston-Mott Co	Flint	A. Walt	36	Yes	Yes	No	Slight	

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Record of accidents given by counties, etc.—Continued.

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	GENESEE CO.—*Con.*								
Jan. 9	Weston-Mott Co	Flint	H. Weiderhammer	17	Yes	Yes	No	Slight	....
Jan. 9	Weston-Mott Co	Flint	C. Fisher	30	Yes	Yes	No	Slight	....
Jan. 9	Weston-Mott Co	Flint	A. Chandler	26	Yes	Yes	No	Slight	....
Jan. 13	Weston-Mott Co	Flint	J. McCumber	43	Yes	Yes	No	Slight	....
Jan. 13	Weston-Mott Co	Flint	G. Wirick	27	Yes	Yes	No	Slight	....
Jan. 14	Weston-Mott Co	Flint	G. Nelson	35	No	.....	No	Slight	....
Jan. 14	Weston-Mott Co	Flint	J. Beams	43	No	.....	Yes	Slight	....
Jan. 15	Weston-Mott Co	Flint	G. Tice	21	Yes	Yes	No	Slight	....
Jan. 16	Weston-Mott Co	Flint	E. Dutton	31	No	.....	Yes	Slight	....
Jan. 16	Weston-Mott Co	Flint	A. Rhone	28	No	.....	No	Slight	....
Jan. 20	Weston-Mott Co	Flint	G. Tice	21	Yes	Yes	No	Slight	....
Jan. 20	Weston-Mott Co	Flint	F. Pike	35	No	.....	No	Slight	....
Jan. 20	Weston-Mott Co	Flint	R. Powell	23	No	.....	No	Slight	....
Jan. 21	Weston-Mott Co	Flint	J. Smago	30	No	.....	No	Slight	....
Jan. 21	Weston-Mott Co	Flint	A. Brown	31	Yes	Yes	Yes	Slight	6
Jan. 22	Weston-Mott Co	Flint	A. Talbot	22	Yes	Yes	No	Slight	....
Jan. 22	Weston-Mott Co	Flint	J. O'Grady	24	Yes	Yes	No	Slight	....
Jan. 25	Weston-Mott Co	Flint	T. Tait	19	Yes	Yes	No	Slight	....
Jan. 25	Weston-Mott Co	Flint	F. Bullard	23	Yes	Yes	No	Slight	....
Jan. 27	Weston-Mott Co	Flint	W. Marshall	19	Yes	Yes	No	Slight	....
Jan. 27	Weston-Mott Co	Flint	F. Tait	18	Yes	Yes	No	Slight	....
Jan. 28	Weston-Mott Co	Flint	E. Davis	30	Yes	Yes	No	Slight	....
Jan. 28	Weston-Mott Co	Flint	W. Purdy	27	Yes	Yes	No	Slight	....
Jan. 30	Weston-Mott Co	Flint	N. DeLauter	39	Yes	Yes	No	Slight	....
Feb. 10	Weston-Mott Co	Flint	J. Rabideaux	31	No	.....	No	Slight	....
Feb. 14	Weston-Mott Co	Flint	G. DeWolf	18	No	.....	Yes	Slight	....
Feb. 14	Weston-Mott Co	Flint	L. Risdon	30	No	.....	No	Slight	....
Feb. 14	Weston-Mott Co	Flint	H. Mason	32	Yes	Yes	No	Slight	....
Feb. 14	Weston-Mott Co	Flint	C. Roy	23	Yes	Yes	No	Slight	....
Feb. 15	Weston-Mott Co	Flint	G. Tice	21	No	.....	No	Slight	....
Feb. 15	Weston-Mott Co	Flint	J. Brown	26	Yes	Yes	Yes	Severe	10
Feb. 17	Weston-Mott Co	Flint	J. Tyle	23	Yes	Yes	No	Slight	....
Feb. 17	Weston-Mott Co	Flint	C. Morgan	18	Yes	Yes	No	Slight	....
Feb. 17	Weston-Mott Co	Flint	C. Goodenough	25	Yes	Yes	No	Slight	....
Feb. 18	Weston-Mott Co	Flint	L. Hiscock	20	Yes	Yes	No	Slight	....
Feb. 19	Weston-Mott Co	Flint	A. Stout	26	Yes	Yes	No	Slight	....
Feb. 19	Weston-Mott Co	Flint	J. Scullin	27	Yes	Yes	No	Slight	....
Feb. 20	Weston-Mott Co	Flint	C. Chandler	26	Yes	Yes	No	Slight	....
Feb. 21	Weston-Mott Co	Flint	B. Hartzell	23	Yes	Yes	No	Slight	....
Feb. 22	Weston-Mott Co	Flint	J. O'Grady	24	Yes	Yes	No	Slight	....
Feb. 22	Weston-Mott Co	Flint	C. Hendricks	27	Yes	Yes	Yes	Slight	....
Feb. 22	Weston-Mott Co	Flint	E. Berkman	22	Yes	Yes	Yes	Slight	....
Feb. 26	Weston-Mott Co	Flint	E. Beckwith	27	Yes	Yes	No	Slight	....
Feb. 27	Weston-Mott Co	Flint	T. Tait	19	Yes	Yes	No	Slight	....
Mar. 4	Weston-Mott Co	Flint	W. Hall	37	No	.....	Yes	Slight	....
Mar. 5	Weston-Mott Co	Flint	H. Brady	16	Yes	Yes	Yes	Slight	10
Mar. 6	Weston-Mott Co	Flint	H. Riley	25	Yes	Yes	No	Slight	....
Mar. 7	Weston-Mott Co	Flint	P. Bruso	21	Yes	Yes	Yes	Slight	....
Mar. 8	Weston-Mott Co	Flint	L. DeWitt	34	No	.....	Yes	Slight	....
Mar. 10	Weston-Mott Co	Flint	J. Hyman	55	Yes	Yes	Yes	Serious	90
Mar. 11	Weston-Mott Co	Flint	E. Clinton	46	Yes	Yes	No	Serious	....
Mar. 11	Weston-Mott Co	Flint	F. Cole	23	Yes	Yes	No	Slight	....
Mar. 12	Weston-Mott Co	Flint	J. Christner	23	No	.....	No	Slight	....
Mar. 14	Weston-Mott Co	Flint	E. Gillies	19	Yes	Yes	No	Slight	....
Mar. 14	Weston-Mott Co	Flint	K. Smith	18	No	.....	No	Slight	....
Mar. 15	Weston-Mott Co	Flint	F. Smith	23	Yes	Yes	No	Slight	....
Mar. 15	Weston-Mott Co	Flint	F. Ferguson	29	Yes	Yes	No	Slight	....
Mar. 15	Weston Mott Co	Flint	G. Meyers	21	No	.....	No	Slight	....
Mar. 15	Weston-Mott Co	Flint	C. Neff	28	Yes	Yes	No	Slight	....
Mar. 15	Weston-Mott Co	Flint	H. Curtiss	24	Yes	Yes	No	Slight	....

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Record of accidents given by counties, etc.—Continued.

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	GENESEE CO.—*Con.*								
Mar. 17	Weston-Mott Co	Flint	M. Cook	21	Yes	Yes	No	Slight	....
Mar. 17	Weston-Mott Co	Flint	H. Goodall	52	Yes	Yes	No	Slight	....
Mar. 21	Weston-Mott Co	Flint	J. Smith	35	No	.....	No	Slight	....
Mar. 24	Weston-Mott Co	Flint	W. Denimick	58	Yes	Yes	Yes	Severe	17
Mar. 24	Weston-Mott Co	Flint	H. Heidtman	24	Yes	Yes	No	Slight	....
Mar. 25	Weston-Mott Co	Flint	F. Barnum	24	No	.....	Yes	Severe	37
Mar. 27	Weston-Mott Co	Flint	H. Weiderhammer	17	Yes	Yes	No	Slight	....
Mar. 27	Weston-Mott Co	Flint	F. Dodge	29	Yes	Yes	No	Slight	....
Mar. 28	Weston-Mott Co	Flint	A. Anspock	24	Yes	Yes	Yes	Slight	....
Mar. 28	Weston-Mott Co	Flint	J. Sturgis	21	Yes	Yes	No	Slight	....
Mar. 31	Weston-Mott Co	Flint	G. Wilson	38	Yes	Yes	No	Slight	....
Mar. 31	Weston-Mott Co	Flint	H. Fletcher	23	Yes	Yes	No	Slight	....
April 1	Weston-Mott Co	Flint	P. Fitzpatrick	35	No	.....	Yes	Severe	21
April 2	Weston-Mott Co	Flint	C. Bunzard	39	No	.....	Yes	Severe	13
April 2	Weston-Mott Co	Flint	O. Doane	25	Yes	Yes	No	Slight	....
April 2	Weston-Mott Co	Flint	G. Wilson	38	Yes	Yes	No	Slight	....
April 2	Weston-Mott Co	Flint	A. Smith	19	Yes	Yes	No	Slight	....
April 3	Weston-Mott Co	Flint	H. Shelley	30	Yes	Yes	No	Slight	....
April 4	Weston-Mott Co	Flint	F. Brush	21	Yes	Yes	No	Slight	....
April 5	Weston-Mott Co	Flint	F. Tait	18	No	.....	No	Slight	....
April 5	Weston-Mott Co	Flint	J. Marcon	29	Yes	Yes	No	Slight	....
April 5	Weston-Mott Co	Flint	B. O'Grady	30	Yes	Yes	No	Slight	....
April 8	Weston-Mott Co	Flint	J. Goodenough	38	No	.....	Yes	Slight	....
April 9	Weston-Mott Co	Flint	W. Purdy	27	No	.....	No	Slight	....
April 9	Weston-Mott Co	Flint	M. Hossen	22	No	.....	No	Slight	....
April 9	Weston-Mott Co	Flint	M. Cicalo	34	Yes	Yes	No	Slight	....
April 10	Weston-Mott Co	Flint	R. Cross	39	Yes	Yes	No	Serious	22
April 10	Weston-Mott Co	Flint	W. Morhs	39	No	.....	No	Slight	....
April 12	Weston-Mott Co	Flint	W. Hunt	33	No	.....	No	Slight	....
April 12	Weston-Mott Co	Flint	G. Tice	21	No	.....	No	Slight	....
April 14	Weston-Mott Co	Flint	F. Snell	38	Yes	Yes	No	Slight	....
April 14	Weston-Mott Co	Flint	P. Haynes	22	No	.....	Yes	Slight	10
April 14	Weston-Mott Co	Flint	E. Bartholomew	33	Yes	Yes	No	Slight	30
April 17	Weston-Mott Co	Flint	H. Helmer	28	No	.....	Yes	Slight	....
April 18	Weston-Mott Co	Flint	R. Carpenter	20	Yes	Yes	No	Slight	....
April 18	Weston-Mott Co	Flint	J. Chrisman	37	Yes	Yes	No	Slight	....
April 19	Weston-Mott Co	Flint	J. Endsor	26	Yes	Yes	No	Slight	....
April 21	Weston-Mott Co	Flint	A. Talbot	26	Yes	Yes	No	Slight	....
April 22	Weston-Mott Co	Flint	A. Wyman	26	Yes	Yes	No	Slight	....
April 22	Weston-Mott Co	Flint	W. Purdy	27	Yes	Yes	No	Slight	....
April 22	Weston-Mott Co	Flint	G. Payne	66	No	.....	No	Slight	....
April 22	Weston-Mott Co	Flint	M. Miarka	41	No	.....	No	Serious	....
April 22	Weston-Mott Co	Flint	C. Neff	29	Yes	Yes	No	Slight	....
April 23	Weston-Mott Co	Flint	C. Ashland	24	Yes	Yes	Yes	Slight	....
April 23	Weston-Mott Co	Flint	W. Rosencrans	37	Yes	Yes	No	Slight	....
April 24	Weston-Mott Co	Flint	W. Waldron	29	Yes	Yes	No	Slight	....
April 25	Weston-Mott Co	Flint	C. Cotton	30	Yes	Yes	No	Slight	....
April 25	Weston-Mott Co	Flint	F. Stockinger	39	No	.....	No	Slight	....
April 25	Weston-Mott Co	Flint	B. Sayles	19	Yes	Yes	No	Slight	....
April 26	Weston-Mott Co	Flint	J. Sonnenberg	25	Yes	Yes	No	Slight	....
April 27	Weston-Mott Co	Flint	J. Foss	68	No	.....	No	Slight	10
April 28	Weston-Mott Co	Flint	L. Muzzy	27	Yes	Yes	No	Slight	....
May 2	Weston-Mott Co	Flint	E. Williams	25	No	.....	No	Slight	....
May 3	Weston-Mott Co	Flint	W. Ellis	29	No	.....	Yes	Slight	....
May 6	Weston-Mott Co	Flint	G. Mynear	28	Yes	Yes	No	Slight	....
May 7	Weston-Mott Co	Flint	F. Crill	22	Yes	Yes	Yes	Slight	....
May 7	Weston-Mott Co	Flint	C. Avery	39	Yes	Yes	No	Slight	....
May 8	Weston-Mott Co	Flint	H. Bryant	19	Yes	Yes	No	Slight	....
May 9	Weston-Mott Co	Flint	H. Rowbottom	26	Yes	Yes	No	Slight	....
May 9	Weston-Mott Co	Flint	C. Rafferty	23	No	.....	No	Slight	....

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	GENESEE CO.—*Con.*								
May 10	Weston-Mott Co	Flint	H. Reed	22	No		No	Slight	
May 13	Weston-Mott Co	Flint	A. Woolston	27	Yes	Yes	No	Slight	
May 15	Weston-Mott Co	Flint	W. VanLuven	27	Yes	Yes	No	Slight	
May 15	Weston-Mott Co	Flint	E. Beltraud	36	No		No	Slight	
May 16	Weston-Mott Co	Flint	G. Wilson	38	Yes	Yes	No	Slight	
May 17	Weston-Mott Co	Flint	J. Rowe	36	No		No	Slight	
May 19	Weston-Mott Co	Flint	G. Tice	21	Yes	Yes	No	Slight	
May 19	Weston-Mott Co	Flint	W. Weidman	23	No		No	Slight	
May 20	Weston-Mott Co	Flint	J. Gregory	27	Yes	Yes	Yes	Slight	
May 21	Weston-Mott Co	Flint	T. Gibbs	39	No		No	Slight	
May 23	Weston-Mott Co	Flint	G. Webster	32	Yes	Yes	No	Slight	
May 23	Weston-Mott Co	Flint	J. Whitzel	25	Yes	Yes	No	Slight	
May 24	Weston-Mott Co	Flint	L. Ferguson	31	Yes	Yes	No	Slight	
May 26	Weston-Mott Co	Flint	A. Crawford	23	Yes	Yes	No	Slight	
May 27	Weston-Mott Co	Flint	J. O'Callaghan	43	Yes	Yes	No	Slight	
May 28	Weston-Mott Co	Flint	R. Campbell	23	Yes	Yes	No	Slight	
May 28	Weston-Mott Co	Flint	W. Smalley	36	No		No	Slight	
May 28	Weston-Mott Co	Flint	L. Smith	18	Yes	Yes	No	Slight	
May 29	Weston-Mott Co	Flint	L. Patch	29	No		No	Slight	
May 29	Weston-Mott Co	Flint	S. Reddy	26	No		No	Slight	
May 29	Weston-Mott Co	Flint	J. Goodenough	38	No		Yes	Slight	
May 29	Weston-Mott Co	Flint	F. Cill	22	Yes	Yes	No	Slight	
June 2	Weston-Mott Co	Flint	A. Crawford	33	No		Yes	Slight	
June 4	Weston-Mott Co	Flint	G. Wright	36	Yes	Yes	No	Slight	
June 5	Weston-Mott Co	Flint	W. Setchfield	39	Yes	Yes	No	Slight	
June 5	Weston-Mott Co	Flint	H. Curtis	27	Yes	Yes	No	Slight	
June 6	Weston-Mott Co	Flint	R. Achison	26	Yes	Yes	Yes	Slight	
June 7	Weston-Mott Co	Flint	J. Gethicker	29	Yes	Yes	Yes	Serious	16
June 9	Weston-Mott Co	Flint	A. Redonet	27	Yes	Yes	No	Slight	
June 10	Weston-Mott Co	Flint	Z. Wiesgbicki	21	No		No	Slight	1
June 11	Weston-Mott Co	Flint	H. Carland	32	Yes	Yes	No	Slight	
June 12	Weston-Mott Co	Flint	R. Scoble	35	Yes	Yes	No	Slight	
June 12	Weston-Mott Co	Flint	E. Moreau	23	Yes	Yes	No	Slight	
June 12	Weston-Mott Co	Flint	W. Donley	35	Yes	Yes	No	Slight	
June 12	Weston-Mott Co	Flint	M. Schied	36	Yes	Yes	No	Slight	
June 17	Weston-Mott Co	Flint	J. Pasbuski	27	Yes	Yes	No	Slight	
June 17	Weston-Mott Co	Flint	C. Schafer	26	No		No	Slight	
June 17	Weston-Mott Co	Flint	T. Gibbs	40	No		No	Slight	
June 19	Weston-Mott Co	Flint	G. Neale	26	Yes	Yes	No	Slight	
June 20	Weston-Mott Co	Flint	C. Rice	24	No		No	Slight	
June 21	Weston-Mott Co	Flint	R. Misner	32	Yes	Yes	No	Slight	
June 23	Weston-Mott Co	Flint	A. Rhone	29	Yes	Yes	No	Slight	
June 23	Weston-Mott Co	Flint	C. Franks	34	Yes	Yes	No	Slight	
June 23	Weston-Mott Co	Flint	P. Conger	22	No		Yes	Slight	
June 24	Weston-Mott Co	Flint	T. Magger	23	No		No	Slight	1
June 25	Weston-Mott Co	Flint	J. Wagner	43	Yes	Yes	No	Slight	
June 25	Weston-Mott Co	Flint	A. Cartier	39	Yes	Yes	No	Slight	
June 26	Weston-Mott Co	Flint	C. Rice	24	No		No	Slight	
June 26	Weston-Mott Co	Flint	P. Smith	23	No		No	Slight	
June 26	Weston-Mott Co	Flint	F. Merritt	27	Yes	Yes	No	Slight	
June 27	Weston-Mott Co	Flint	A. Wardaszka	21	No		No	Serious	21
June 27	Weston-Mott Co	Flint	C. Avery	38	No		Yes	Slight	
June 30	Weston-Mott Co	Flint	F. Smith	24	No		No	Slight	
July 3	Weston-Mott Co	Flint	C. Wagner	36	No		No	Slight	
July 7	Weston-Mott Co	Flint	V. Murray	24	No			Slight	
July 7	Weston-Mott Co	Flint	W. Ferguson	37	Yes	Yes	No	Slight	
July 8	Weston-Mott Co	Flint	A. Fisher	19	No		Yes	Slight	
July 8	Weston-Mott Co	Flint	P. Hale	26	No		Yes	Serious	
July 9	Weston-Mott Co	Flint	A. Anspoch	24	No		Yes	Severe	18
July 10	Weston-Mott Co	Flint	C. Winchell	28	Yes	Yes	No	Slight	

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	GENESEE CO.—*Con.*								
July 10	Weston-Mott Co	Flint	H. Drinkwater	20	No		No	Severe	
July 11	Weston-Mott Co	Flint	H. Applegate	25	Yes	Yes	No	Slight	
July 11	Weston-Mott Co	Flint	B. Sangster	30	Yes	Yes	No	Slight	
July 12	Weston-Mott Co	Flint	S. Stone		No		No	Slight	1
July 23	Weston-Mott Co	Flint	H. Goodall	60	No		Yes	Serious	18
July 14	Weston-Mott Co	Flint	F. Stockinger	39	Yes	Yes	No	Slight	
July 15	Weston-Mott Co	Flint	S. Pond	30	No		No	Slight	
July 15	Weston Mott Co	Flint	J. Stalker	22	Yes	Yes	No	Slight	1
July 17	Weston-Mott Co	Flint	G. Roser	16	No		No	Slight	
July 22	Weston-Mott Co., No. 5	Flint	W. Peake	34	Yes	Yes	No	Slight	
July 22	Weston-Mott Co., No. 5	Flint	G. French	28	Yes	Yes	No	Slight	
July 22	Weston-Mott Co., No. 4	Flint	A. Bailey	37	Yes	Yes	No	Slight	
July 23	Weston-Mott Co., No. 5	Flint	E. Green	27	Yes	Yes	No	Slight	
July 26	Weston-Mott Co., No. 5	Flint	J. Szalkey	32	Yes	Yes	No	Slight	
Aug. 4	Weston-Mott Co., No. 5	Flint	T. Caban	26	No		No	Slight	
Oct. 1	Weston-Mott Co., No. 4	Flint	F. Pethers	47	Yes	Yes	No	Severe	
July 17	Weston-Mott Co	Flint	T. Gould	50	No		No	Slight	6
July 22	Weston-Mott Co	Flint	J. Gregory	27	Yes	Yes	No	Slight	
July 23	Weston-Mott Co	Flint	W. Purdy	27	Yes	Yes	No	Slight	
July 30	Weston-Mott Co	Flint	C. Avery	38	No		Yes	Slight	
Aug. 1	Weston-Mott Co	Flint	H. Dean	28	No		Yes	Slight	3
Aug. 4	Weston-Mott Co	Flint	J. Rye	23	No		No	Slight	
Aug. 7	Weston-Mott Co	Flint	E. Rearick	33	No		No	Slight	
Aug. 8	Weston-Mott Co	Flint	R. Townsend	33	Yes	Yes	No	Slight	
Aug. 8	Weston-Mott Co	Flint	R. Smith	29	No		No	Slight	
Aug. 9	Weston-Mott Co	Flint	C. Rice	25	Yes	Yes	No	Slight	
Aug. 9	Weston-Mott Co	Flint	J. O'Conor	51	No		No	Slight	
Aug. 13	Weston-Mott Co	Flint	E. Smith	23	Yes	Yes	No	Slight	
Aug. 14	Weston-Mott Co	Flint	G. Pearson	23	Yes	Yes	No	Slight	
Aug. 14	Weston-Mott Co	Flint	R. VanDoran	20	Yes	Yes	No	Serious	4
May 29	W. A. Paterson	Flint	W. Murphy	40	No		No	Slight	12
June 27	W. A. Paterson	Flint	G. Standard	39	No		No	Slight	
Sept. 6	Randall Lumber Co	Flint	W. Bird		No		Yes	Slight	
Oct.	Randall Lumber Co	Flint	F. Gaines	45	Yes	Yes	Yes	Severe	7
May 22	Standard Rule Co	Flint	H. Graham	22	Yes	Yes	No	Serious	120
Mar. 20	Judson Bros	Gaines	D. Elwood	60	No		No	Slight	3
	GOGEBIC COUNTY.								
Nov. 12	Butler Bros	Wakefield	F. Hill	37	No		Yes	Serious	21
Nov. 30	Butler Bros	Wakefield	A. Kemenin	32	No		Yes	Slight	4
Dec. 1	Butler Bros	Wakefield	N. Jordan	43	No			Slight	14
Dec. 6	Butler Bros	Wakefield	J. Backman	39	No		No	Slight	14
Dec. 11	Butler Bros	Wakefield	S. Gorelich	32	No		No	Slight	
Dec. 13	Butler Bros	Wakefield	J. Ledas	23	No		No	Severe	56
Dec. 15	Butler Bros	Wakefield	N. Gordon	43	No		Yes	Slight	14
Jan. 1	Butler Bros	Wakefield	J. Belsh	35	No		No	Slight	10
Jan. 1	Butler Bros	Wakefield	A. Anderson	34	Yes	Yes	No	Serious	10
Jan. 12	Butler Bros	Wakefield	D. Kuchirka	34	No		No	Slight	3
Jan. 14	Butler Bros	Wakefield	M. Covatch	33	No		No	Severe	10
Jan. 24	Butler Bros	Wakefield	J. Toposk	20	No		No	Severe	14

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	GRAND TRAVERSE COUNTY.								
April 10	Brown Lumber Co	Traverse City	L. Howard	26	Yes	Yes	Yes	Slight	....
July 26	Brown Lumber Co	Traverse City	A. Busberger	26	Yes	Yes	No	Slight	....
July ..	Brown Lumber Co	Traverse City	W. LaRoche	40	Yes	Yes	.....	Slight	2
Aug. 7	Brown Lumber Co	Traverse City	F. Omer	24	Yes	Yes	No	Severe	14
Aug. 28	Brown Lumber Co	Traverse City	A. Wilcox	29	Yes	Yes	Yes	Slight	3
June 13	Mert J. Gagnon	Traverse City	M. Gagnon	27	No	.....	.....	Serious	60
Sept. 30	The Oval Wood Dish Co	Traverse City	Mrs. M. Frost	35	Yes	Yes	Yes	Slight	1
Oct. 22	The Oval Wood Dish Co	Traverse City	E. Foote	50	Yes	Yes	No	Serious	35
Nov. 1	The Oval Wood Dish Co	Traverse City	A. Attinger	24	Yes	Yes	No	Slight	28
Nov. 15	The Oval Wood Dish Co	Traverse City	C. Huftile	20	Yes	Yes	No	Slight	3
Nov. 21	The Oval Wood Dish Co	Traverse City	G. Forton	19	Yes	Yes	Yes	Serious	70
Dec. 12	The Oval Wood Dish Co	Traverse City	J. Pfeiffer	60	Yes	No	No	Serious	32
Dec. 18	The Oval Wood Dish Co	Traverse City	L. Kuhn	17	No	.....	Yes	Slight	12
Jan. 1	The Oval Wood Dish Co	Traverse City	J. Phillips	53	No	.....	No	Slight	2
Jan. 2	The Oval Wood Dish Co	Traverse City	P. Kluth	22	Yes	Yes	Yes	Slight	4
Jan. 4	The Oval Wood Dish Co	Traverse City	N. Croshaw	16	Yes	Yes	Yes	Slight	5
Jan. 6	The Oval Wood Dish Co	Traverse City	M. Wares	45	No	.....	No	Slight	5
Jan. 13	The Oval Wood Dish Co	Traverse City	S. Powell	17	No	.....	No	Slight	14
Feb. 3	The Oval Wood Dish Co	Traverse City	B. Chilton	19	Yes	Yes	Yes	Slight	13
Feb. 10	The Oval Wood Dish Co	Traverse City	F. Boulle	....	No	.....	No	Slight	5
Feb. 15	The Oval Wood Dish Co	Traverse City	A. Attinger	24	Yes	Yes	No	Slight	30
Feb. 15	The Oval Wood Dish Co	Traverse City	Mrs. M. Welt	40	No	.....	No	Serious	30
Mar. 13	The Oval Wood Dish Co	Traverse City	A. Bushell	25	Yes	Yes	Yes	Slight	18
Mar. 26	The Oval Wood Dish Co	Traverse City	T. Pathic	19	Yes	Yes	Yes	Slight	5
Mar. 27	The Oval Wood Dish Co	Traverse City	J. Forton	52	No	.....	No	Slight	6
Mar. 28	The Oval Wood Dish Co	Traverse City	J. Sleder	60	No	.....	No	Serious	60
Mar. 29	The Oval Wood Dish Co	Traverse City	W. Cozart	35	No	.....	No	Slight	9
April 5	The Oval Wood Dish Co	Traverse City	W. Cummings	25	Yes	Yes	No	Slight	14
April 29	The Oval Wood Dish Co	Traverse City	J. Mikula	33	Yes	Yes	No	Serious	25
May 8	The Oval Wood Dish Co	Traverse City	H. Ingraham	42	No	.....	No	Slight	4
May 12	The Oval Wood Dish Co	Traverse City	A. Brager	40	No	.....	No	Slight	7
May 20	The Oval Wood Dish Co	Traverse City	C. Calkins	26	Yes	Yes	No	Slight	3
May 26	The Oval Wood Dish Co	Traverse City	J. Harroun	54	Yes	Yes	No	Slight	20
May 28	The Oval Wood Dish Co	Traverse City	H. McGarry	22	Yes	Yes	Yes	Serious	21
May 29	The Oval Wood Dish Co	Traverse City	G. Ames	18	Yes	Yes	No	Serious	25
June 5	The Oval Wood Dish Co	Traverse City	J. Fisher	59	Yes	Yes	No	Slight	25
June 7	The Oval Wood Dish Co	Traverse City	E. Lauer	42	No	.....	No	Slight	7
June 27	The Oval Wood Dish Co	Traverse City	E. Bondain	23	Yes	Yes	Yes	Slight	3
July 19	The Oval Wood Dish Co	Traverse City	J. Pascoe	40	Yes	Yes	No	Slight	9
July 11	The Oval Wood Dish Co	Traverse City	M. Gerard	25	No	.....	No	Serious	37
July 14	The Oval Wood Dish Co	Traverse City	H. Antekier	32	No	.....	No	Slight	24
July 23	The Oval Wood Dish Co	Traverse City	F. Valleau	....	Yes	Yes	Yes	Slight	11
July 25	The Oval Wood Dish Co	Traverse City	J. Smith	26	No	.....	No	Serious	44
Aug. 1	The Oval Wood Dish Co	Traverse City	J. Sulban	59	No	.....	Yes	Slight	2
Aug. 25	The Oval Wood Dish Co	Traverse City	A. Wellman	26	No	.....	No	Slight	1
Sept. 1	The Oval Wood Dish Co	Traverse City	E. Thayer	35	No	.....	No	Slight	7
Dec. 13	The Oval Wood Dish Co	Traverse City	C. Spidle	25	Yes	Yes	Yes	Slight	17
Jan. 29	Victor Petertyl	Traverse City	J. Maxbauer	18	Yes	Yes	Yes	Slight	4
Aug. 17	Pere Marquette Railroad	Traverse City	C. Sutton	52	Yes	.....	No	Serious	100
Aug. ..	C. B. Taylor	Traverse City	E. Detour	....	No	.....	Yes	Slight	....
Aug. 13	Traverse City Light & Power Co	Traverse City	W. Anton	28	No	Yes	Yes	Serious	90
Sept. 2	Traverse City Iron Works	Traverse City	J. Bauman	18	Yes	Yes	Yes	Severe	28
July 20	Traverse City Iron Works	Traverse City	H. Brady	23	Yes	Yes	No	Slight	2
April 3	Wells-Higman Co	Traverse City	E. Cummings	32	No	.....	Yes	Slight	3
April 4	Wells-Higman Co	Traverse City	C. Skivers	18	Yes	Yes	Yes	Slight	1
April 12	Wells-Higman Co	Traverse City	W. Shire	40	Yes	Yes	Yes	Slight	....
April 16	Wells-Higman Co	Traverse City	W. Johnson	46	No	.....	Yes	Slight	1
May 3	Wells-Higman Co	Traverse City	F. Conley	25	Yes	Yes	Yes	Slight	....
May 7	Wells-Higman Co	Traverse City	A. Pierce	29	No	.....	No	Slight	14
May 10	Wells-Higman Co	Traverse City	C. Beamish	17	Yes	Yes	Yes	Slight	....

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	GRAND TRAVERSE CO.—*Con.*								
May 15	Wells-Higman Co	Traverse City	J. Burlingham	55	Yes	Yes	Yes	Slight	....
May 17	Wells-Higman Co	Traverse City	E. Sutton	20	No	.....	Yes	Serious	78
May 17	Wells-Higman Co	Traverse City	F. Conley	27	Yes	Yes	Yes	Slight	1
May 17	Wells-Higman Co	Traverse City	F. Cummings	29	No	.....	No	Slight	....
May 17	Wells-Higman Co	Traverse City	W. Norris	30	Yes	Yes	Yes	Serious	25
June 10	Wells-Higman Co	Traverse City	P. Stibitz	70	No	.....	No	Slight	11
June 26	Wells-Higman Co	Traverse City	L. Krantz	18	No	.....	No	Slight	....
July 2	Wells-Higman Co	Traverse City	J. Hodge	60	No	.....	No	Severe	....
July 3	Wells-Higman Co	Traverse City	T. Nelson	46	Yes	Yes	No	Slight	....
July 3	Wells-Higman Co	Traverse City	E. Stites	23	Yes	Yes	Yes	Slight	2
July 8	Wells-Higman Co	Traverse City	D. Myers	37	Yes	Yes	Yes	Slight	....
July 18	Wells-Higman Co	Traverse City	F. Whitley	24	Yes	Yes	Yes	Slight	....
July 18	Wells-Higman Co	Traverse City	A. Shroader	36	No	.....	No	Slight	....
July 18	Wells-Higman Co	Traverse City	A. Wiesler	14	No	.....	No	Slight	....
Aug. 27	Wells-Higman Co	Traverse City	W. Wilkins	51	Yes	Yes	No	Severe	....
Sept. 15	Wells-Higman Co	Traverse City	L. Myers	16	No	.....	Yes	Slight	....
Sept. 27	Wells-Higman Co	Traverse City	C. Nelson	52	Yes	Yes	No	Slight	....
July 10	J. E. Greilick Co	Traverse City	C. Getchell	64	No	.....	Yes	Slight	18
	GRATIOT COUNTY.								
Dec. 9	Alma Journal	Alma	J. Sartor	43	Yes	Yes	Yes	Serious	78
Dec. 17	Michigan Sugar Co	Alma	B. Vandemark	32	.....	.....	.....	Slight	21
Dec. 20	Michigan Sugar Co	Alma	G. Clow	31	No	.....	No	Slight	10
June 10	Bannister Elevator Co	Bannister	H. Kenett	32	Yes	Yes	No	Severe	30
Aug. 2	W. R. Brewer	St. Louis	C. Victor	15	Yes	Yes	Yes	Severe	....
	HILLSDALE COUNTY.								
Oct. 15	Alward Lumber Co	Camden	H. Gilmore	25	Yes	No	No	Serious	....
Mar. 26	The Alamo Mfg. Co	Hillsdale	C. Brown	40	Yes	Yes	No	Severe	30
June 3	The Alamo Mfg. Co	Hillsdale	A. Cole	40	Yes	Yes	No	Severe	14
Aug. 8	The Alamo Mfg. Co	Hillsdale	W. Beebe	55	No	.....	.....	Serious	....
Sept. 18	Bd. of Public Wks.—Pumping Sta.	Hillsdale	G. Rankin	43	Yes	Yes	No	Serious	43
Sept. 19	Hillsdale Screen Co	Hillsdale	O. Green	62	Yes	Yes	Yes	Severe	60
Sept. 27	Hillsdale Screen Co	Hillsdale	H. Beers	18	Yes	Yes	Yes	Slight	14
Oct. 26	Hillsdale Screen Co	Hillsdale	L. Burroughs	19	Yes	Yes	Yes	Severe	75
July 28	Hillsdale Screen Co	Hillsdale	C. Soper	37	Yes	Yes	No	Slight	4
Mar. 12	W. S. Pullen	Hillsdale	H. Archer	50	Yes	Yes	No	Serious	15
June 2	W. S. Pullen	Hillsdale	I. Hudson	22	Yes	Yes	Yes	Serious	30
Jan. 21	F. W. Stock & Sons	Hillsdale	E. Farnam	29	No	.....	No	Serious	56
Sept. 4	F. W. Stock & Sons	Hillsdale	E. Mansfield	32	Yes	Yes	No	Slight	1
Feb. 19	Acme Chair Co	Reading	G. Fitzsimmons	60	Yes	Yes	No	Fatal	....
Aug. 12	Acme Chair Co	Reading	E. Caywood	42	No	.....	No	Serious	42
	HOUGHTON COUNTY.								
Feb. 5	Henry Foster & Co	Calumet	W. Oksander	....	Yes	No	No	Severe	21
April 1	Mineral Range Railroad Co	Calumet	J. Arone	....	No	.....	No	Severe	21
.....	Peoples Fuel Co	Calumet	F. Semitz	45	No	.....	No	Severe	13
Feb. 15	Franklin Mining Co	Demmon	W. Waisainer	18	No	.....	No	Slight	12
Feb. 17	Franklin Mining Co	Demmon	W. Iony	40	Yes	Yes	No	Serious	61
Feb. 18	Franklin Mining Co	Demmon	E. Hosking	16	Yes	Yes	No	Slight	12
Feb. 25	Franklin Mining Co	Demmon	C. Cortaposi	47	No	.....	No	Slight	11
Mar. 3	Franklin Mining Co	Demmon	O. Wainis	30	No	.....	No	Severe	12
Mar. 4	Franklin Mining Co	Demmon	L. Costa	41	No	.....	No	Serious	14
Mar. 5	Franklin Mining Co	Demmon	F. Leveque	25	Yes	Yes	Yes	Serious	10

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	HOUGHTON CO.—*Con.*								
Mar. 11	Franklin Mining Co	Demmon	R. Tredray	50	No		No	Slight	7
Mar. 13	Franklin Mining Co	Demmon	H. Knopus	25	No		No	Serious	14
Mar. 30	Franklin Mining Co	Demmon	J. Pykonen	53	No		No	Severe	10
April 9	Franklin Mining Co	Demmon	M. Perrala	33	No		No	Slight	12
April 17	Franklin Mining Co	Demmon	E. Bernacchi	30	No		No	Slight	12
May 14	Franklin Mining Co	Demmon	G. Hella	41	No		No	Serious	33
May 19	Franklin Mining Co	Demmon	C. Beadley	49	No		No	Slight	6
June 5	Franklin Mining Co	Demmon	J. Pucci	28	No		No	Severe	24
June 11	Franklin Mining Co	Demmon	C. Skewes	29	No		No	Severe	22
June 16	Franklin Mining Co	Demmon	J. Tuch	38	No		No	Slight	7
June 16	Franklin Mining Co	Demmon	A. Niemi	20	No		No	Slight	6
July 1	Franklin Mining Co	Demmon	J. Mocki	38	No		No	Severe	9
July 12	Franklin Mining Co	Demmon	A. Agretti	31	No		No	Slight	8
July 14	Franklin Mining Co	Demmon	M. Corlson	26	No		Yes	Fatal	
July 15	Franklin Mining Co	Demmon	J. Gondge	40	No		No	Slight	13
Jan. 31	Hancock Consolidated Mining Co.	Hancock	H. Buranen	34	No		Yes	Slight	1
Feb. 13	Hancock Consolidated Mining Co.	Hancock	M. Stein	45	No		Yes	Slight	3
June 9	Hancock Consolidated Mining Co.	Hancock	A. Labatini	42	Yes	Yes	No	Slight	2
June 9	Hancock Consolidated Mining Co.	Hancock	H. Buranen	34	No		Yes	Slight	2
June 7	Hancock Consolidated Mining Co.	Hancock	J. Merrick	58	No		Yes	Slight	5
July 31	Chas. S. Mason	Hancock	G. Persons	23	No		Yes	Severe	42
	Haas Brewing Co	Houghton	A. Woods		Yes	Yes	No	Slight	1
	Haas Brewing Co	Houghton	C. Marcello		Yes	Yes	No	Severe	18
Jan. 4	Isle Royal Copper Co	Houghton	P. Matos	35	No		No	Slight	3
Jan. 8	Isle Royal Copper Co	Houghton	T. Bilmes	30	No		No	Slight	1
Jan. 8	Isle Royal Copper Co	Houghton	C. Bleise	54	No		No	Slight	5
Jan. 18	Isle Royal Copper Co	Houghton	B. Zuri	31	No		No	Severe	133
Jan. 23	Isle Royal Copper Co	Houghton	N. Gasperich	30	No		No	Slight	17
Jan. 24	Isle Royal Copper Co	Houghton	P. Klobucker	27	No		No	Slight	19
Feb. 12	Isle Royal Copper Co	Houghton	J. Knouse	35	No		No	Slight	28
Mar. 7	Isle Royal Copper Co	Houghton	H. Neimi	29	No		No	Slight	17
April 1	Isle Royal Copper Co	Houghton	M. Wisti	38	No		No	Severe	8
April 28	Isle Royal Copper Co	Houghton	C. Manninen	23	No		No	Slight	11
May 2	Isle Royal Copper Co	Houghton	I. Zimerman	23	No		No	Slight	13
May 5	Isle Royal Copper Co	Houghton	F. Vuuitala	28	No		No	Severe	28
May 9	Isle Royal Copper Co	Houghton	W. Peters	25	No		No	Severe	36
May 17	Isle Royal Copper Co	Houghton	E. Haas	22	No		No	Slight	18
May 20	Isle Royal Copper Co	Houghton	F. Leviski	32	No		No	Slight	18
May 21	Isle Royal Copper Co	Houghton	E. Harinen	48	No		No	Slight	
May 29	Isle Royal Copper Co	Houghton	R. Nettell	29	No		No	Serious	
June 3	Isle Royal Copper Co	Houghton	E. Lahti	28	No		No	Slight	
June 12	Isle Royal Copper Co	Houghton	W. Truen	36	No		No	Serious	126
June 18	Isle Royal Copper Co	Houghton	S. Chappell	32	No		No	Slight	56
June 23	Isle Royal Copper Co	Houghton	W. Goard	33	No		No	Serious	70
Aug. 3	Isle Royal Copper Co	Houghton	P. Shea	47	No		No	Slight	14
Aug. 15	Isle Royal Copper Co	Houghton	E. Lobal	28	No		No	Slight	46
Aug. 17	Isle Royal Copper Co	Houghton	A. Siltala	26	No		No	Slight	37
Aug. 19	Isle Royal Copper Co	Houghton	J. Bell	18	No		No	Slight	21
Sept. 9	Isle Royal Copper Co	Houghton	E. Sampson	18	No		No	Slight	21
Oct. 31	Isle Royal Copper Co	Houghton	N. Chegurdden	34	No		No	Serious	105
Feb.	The M. Van Orden Co	Houghton	G. Joemens	35	No			Slight	42
Oct. 1	Ahmeek Mining Co	Hubbell	A. Thomas	19	Yes	Yes	Yes	Severe	39
Sept. 22	Osceola Consolidated Mining Co	Hubbell	J. Vollmer	27	Yes	Yes	No	Slight	23
Jan. 2	Tamarack Mining Co	Hubbell	P. Jewell	18	No		Yes	Slight	20
May 2	Atlas Powder Co	Senter	F. Parey	54	No		No	Slight	3
May 19	Atlas Powder Co	Senter	M. Gagnon	50	No		Yes	Slight	32

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	HURON COUNTY.								
Nov. 9	The Huron Milling Co	Harbor Beach	R. Birley	22	No			Slight	1
Nov. 22	The Huron Milling Co	Harbor Beach	J. Mitchell	50	No			Slight	1
Nov. 30	The Huron Milling Co	Harbor Beach	C. Leighton	50	No			Severe	32
Dec. 18	The Huron Milling Co	Harbor Beach	H. Perlick	54	No			Slight	....
Dec. 20	The Huron Milling Co	Harbor Beach	G. Daggett	30	No		Yes	Slight	2
Dec. 21	The Huron Milling Co	Harbor Beach	L. Kelly	21	No			Slight	8
Dec. 30	The Huron Milling Co	Harbor Beach	A. Smith	48	No		No	Slight	4
Jan. 1	The Huron Milling Co	Harbor Beach	L. Kramer	23	No			Slight	2
Jan. 6	The Huron Milling Co	Harbor Beach	A. Herman	38	No			Slight	1
Jan. 7	The Huron Milling Co	Harbor Beach	W. Schumer	25	No			Slight	4
Feb. 6	The Huron Milling Co	Harbor Beach	A. Deibin	24	Yes	Yes	No	Slight	3
Feb. 19	The Huron Milling Co	Harbor Beach	H. Mingay	25	Yes			Slight	1
Mar. 17	The Huron Milling Co	Harbor Beach	D. McKean	24	No			Slight	2
April 20	The Huron Milling Co	Harbor Beach	W. Jaster	48				Slight	8
July 26	The Huron Milling Co	Harbor Beach	T. Waybrant	40				Severe	22
Aug. 5	The Huron Milling Co	Harbor Beach	S. Kramka	51	Yes	Yes	Yes	Severe	9
Aug. 9	The Huron Milling Co	Harbor Beach	O. Briminy	29	No		Yes	Slight	12
Oct. 31	The Huron Milling Co	Harbor Beach	R. Emminck	25	Yes	Yes		Severe	12
Mar. 29	The Sebewaing Sandstone Brick Co.	Sebewaing	A. Priebe	47	Yes	Yes	No	Slight	14
Sept. 12	The Sebewaing Sugar Co	Sebewaing	P. Barthelomy	45	No		Yes	Serious	14
	INGHAM COUNTY.								
Aug. 16	Acme Engine Co	Lansing	C. Walters	19	Yes	Yes	Yes	Serious	60
May 13	Au Sable Electric Co	Lansing	O. Brown	21	Yes	Yes	Yes	Slight	4
May 24	Au Sable Electric Co	Lansing	L. Hoyt	23	No			Slight	....
June 25	Au Sable Electric Co	Lansing	W. Miles	34	Yes	Yes		Slight	10
July 3	Au Sable Electric Co	Lansing	R. Benge	21	No		Yes	Slight	2
July 4	Au Sable Electric Co	Lansing	L. Hoyt	23	No			Slight	1
July 9	Au Sable Electric Co	Lansing	M. Shumway	25	Yes	Yes	Yes	Slight	1
Aug. 21	Au Sable Electric Co	Lansing	W. Hughes	21	Yes	Yes		Slight	3
Sept. 9	Au Sable Electric Co	Lansing	L. Hoyt	23	No			Slight	....
Oct. 11	Au Sable Electric Co	Lansing	E. Nelson	30	Yes	Yes	No	Slight	....
Oct. 6	Auto Body Co	Lansing	F. Pankrats	24	No		Yes	Severe	42
Feb. 19	Auto Body Co	Lansing	E. Kimmick	25	Yes	Yes	No	Slight	....
Feb. 23	Auto Body Co	Lansing	H. Rutkowski	28	No			Severe	74
Oct. 28	Friedland Iron & Metal Co	Lansing	I. Kopp	40	Yes	Yes	Yes	Serious	30
April 10	Gerson-Carey Co	Lansing	C. Hineline	36	No		Yes	Severe	180
Aug. 1	Gier & Dail Mfg. Co	Lansing	C. Strauss	19	Yes	Yes	Yes	Slight	10
Aug. 1	Gier & Dail Mfg. Co	Lansing	H. LaGrue	31	Yes	Yes	Yes	Severe	60
Aug. 2	Gier & Dail Mfg. Co	Lansing	M. Cook	18	Yes	Yes	Yes	Severe	24
Aug. 16	Gier & Dail Mfg. Co	Lansing	J. Batig	19	Yes	Yes	Yes	Severe	30
Nov. 6	Gier & Dail Mfg. Co	Lansing	W. Klein	18	Yes	Yes	Yes	Severe	....
June 10	Lansing Granite Co	Lansing	H. Pruser	40	No		Yes	Slight	51
April 23	Lansing Motor & Pump Co	Lansing	E. Burwell	50	Yes	Yes	No	Severe	90
Sept. 21	Lansing Pure Ice Co	Lansing	J. Binkley	40	Yes	Yes	No	Severe	60
.....	Michigan Bridge & Pipe Co	Lansing	C. Glasner	....	Yes	Yes		Slight	4
.....	Michigan Bridge & Pipe Co	Lansing	R. Nye	....	Yes	Yes	Yes	Slight	2
Aug. 2	Seager Engine Works	Lansing	J. BarKotlsk	22	No	No	Yes	Severe	30
Sept. 2	Seager Engine Works	Lansing	O. Gialboux	24	No	No	Yes	Severe	60
April 26	Star Laundry	Lansing	N. Rickard	18	Yes		Yes	Slight	1
Oct. 28	Woods Bros. Silo & Mfg. Co	Lansing	G. Sessions	21	No		No	Slight	2
Nov. 13	Woods Bros. Silo & Mfg. Co	Lansing	F. Hildorf	23	Yes	Yes	No	Slight	10
Sept. 9	Young Bros. & Daley	Lansing	E. Weidman	....	No	Yes	Yes	Slight	28
April 6	Au Sable Electric Co	Leslie	E. Schular	28	No		Yes	Severe	189

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	IONIA COUNTY.								
Oct. 7	Belding Bros. & Co	Belding	L. Newland	17	Yes	Yes	Yes	Slight	1
Oct. 24	Belding Bros. & Co	Belding	L. Allen	21	Yes	Yes	No	Slight	....
Jan. 13	Belding Bros. & Co	Belding	A. Gardner	35	No	.....	Yes	Severe	37
June 16	Belding Bros. & Co	Belding	D. Aelick	29	Yes	No	Yes	Slight	30
Aug. 26	Belding Bros. & Co	Belding	G. Brackett	30	No	.....	Yes	Slight	5
Oct. 18	Belding Bros. & Co	Belding	E. Donahue	18	Yes	No	Yes	Slight	7
Oct. 24	Belding Bros. & Co	Belding	T. Haack	25	Yes	.....	Yes	Slight	1
Oct. 27	Belding Bros. & Co	Belding	R. Olds	30	No	.....	Yes	Slight	....
Oct. 31	Belding Bros. & Co	Belding	C. Wiggins	30	No	.....	Yes	Slight	....
Sept. 7	Belding-Hall Co	Belding	A. VanAsche	26	No	.....	.....	Slight	....
Sept. 16	Belding-Hall Co	Belding	G. Woodman	19	Yes	Yes	No	Serious	....
Oct. 21	Belding-Hall Co	Belding	F. Dorman	59	Yes	Yes	No	Slight	5
Oct. 28	Belding-Hall Co	Belding	J. Thompson	51	Yes	Yes	No	Slight	....
Dec. 26	Belding-Hall Co	Belding	M. Gieser	25	Yes	Yes	No	Slight	6
Jan. 17	Belding-Hall Co	Belding	E. Furman	22	Yes	Yes	No	Slight	10
Feb. 24	Belding-Hall Co	Belding	L. Huntley	52	Yes	Yes	No	Severe	....
Mar. 24	Belding-Hall Co	Belding	B. Hough	19	Yes	Yes	No	Severe	25
Aug. 15	Belding-Hall Co	Belding	R. Fox	20	Yes	Yes	No	Slight	12
Dec. 5	Belding-Hall Co	Belding	M. Palmer	16	Yes	Yes	Yes	Slight	....
Feb. 24	Hayes-Ionia Co	Ionia	G. Crawford	19	Yes	Yes	No	Serious	90
Mar. 17	Hayes-Ionia Co	Ionia	H. Boardman	53	Yes	Yes	No	Severe	63
June 27	Hayes-Ionia Co	Ionia	P. DeDres	36	Yes	Yes	No	Serious	56
Aug. 11	Hayes-Ionia Co	Ionia	C. Kittridge	31	Yes	Yes	No	Severe	56
Oct. 2	Hayes-Ionia Co	Ionia	P. Bartram	20	Yes	Yes	Yes	Severe	26
Jan. 29	Pere Marquette Railroad	Ionia	F. Owen	43	Yes	Yes	Yes	Slight	1
Feb. 18	Pere Marquette Railroad	Ionia	M. Johnes	30	No	.....	Yes	Severe	10
Mar. 4	Pere Marquette Railroad	Ionia	S. Metz	28	No	.....	No	Severe	26
April 28	Pere Marquette Railroad	Ionia	A. Verpoorten	25	No	.....	No	Serious	80
June 17	Pere Marquette Railroad	Ionia	B. Ries	28	No	.....	No	Severe	50
July 24	Pere Marquette Railroad	Ionia	C. Peasley	17	No	.....	No	Severe	21
July 31	Pere Marquette Railroad	Ionia	F. Dyke	36	No	.....	No	Severe	24
Aug. 5	Pere Marquette Railroad	Ionia	H. Schlosser	46	No	.....	No	Severe	60
Sept. 10	Pere Marquette Railroad	Ionia	L. Krueger	24	No	.....	No	Slight	4
Sept. 18	Pere Marquette Railroad	Ionia	M. Tonsey	51	No	.....	No	Severe	30
Oct. 8	Pere Marquette Railroad	Ionia	J. Mahan	57	No	.....	Yes	Slight	15
May 12	Portland Mfg. Co	Portland	M. Selden	35	Yes	Yes	No	Slight	14
June 2	Portland Mfg. Co	Portland	S. Osman	47	Yes	Yes	No	Slight	28
Jan. 21	E. H. Stafford Mfg. Co	Ionia	F. Simons	23	Yes	Yes	No	Slight	2
Jan. 28	E. H. Stafford Mfg. Co	Ionia	R. Spencer	21	Yes	Yes	No	Slight	2
Jan. 30	E. H. Stafford Mfg. Co	Ionia	W. Snyder	67	Yes	Yes	No	Slight	2
Feb. 1	E. H. Stafford Mfg. Co	Ionia	W. Underhill	45	No	.....	No	Slight	17
Feb. 14	E. H. Stafford Mfg. Co	Ionia	A. Micks	21	Yes	Yes	No	Slight	2
Feb. 21	E. H. Stafford Mfg. Co	Ionia	J. Martin	21	No	.....	No	Slight	2
Mar. 4	E. H. Stafford Mfg. Co	Ionia	E. Dreger	26	Yes	Yes	No	Slight	10
Mar. 25	E. H. Stafford Mfg. Co	Ionia	A. Micr	35	Yes	Yes	Yes	Severe	12
April 4	E. H. Stafford Mfg. Co	Ionia	H. Deline	25	Yes	Yes	Yes	Slight	10
April 18	E. H. Stafford Mfg. Co	Ionia	A. Chapin	27	Yes	Yes	No	Slight	2
June 5	E. H. Stafford Mfg. Co	Ionia	H. Moffet	40	Yes	Yes	No	Severe	32
June 13	E. H. Stafford Mfg. Co	Ionia	W. Christensen	30	Yes	Yes	No	Slight	2
June 16	E. H. Stafford Mfg. Co	Ionia	E. Herzig	28	No	.....	No	Slight	4
June 23	E. H. Stafford Mfg. Co	Ionia	J. Martin	22	No	.....	Yes	Slight	1
July 3	E. H. Stafford Mfg. Co	Ionia	G. Humphreys	46	No	.....	No	Serious	105
July 18	E. H. Stafford Mfg. Co	Ionia	E. Harvey	18	Yes	Yes	No	Slight	3
July 25	E. H. Stafford Mfg. Co	Ionia	C. Patterson	39	Yes	Yes	No	Slight	21
Aug. 2	E. H. Stafford Mfg. Co	Ionia	A. Herbert	22	No	.....	.....	Slight	6
Aug. 4	E. H. Stafford Mfg. Co	Ionia	A. Campbell	19	Yes	Yes	Yes	Serious	455
Aug. 4	E. H. Stafford Mfg. Co	Ionia	S. LeRoy	51	No	.....	No	Slight	12
Aug. 5	E. H. Stafford Mfg. Co	Ionia	R. Denning	18	Yes	Yes	Yes	Serious	210
Aug. 14	E. H. Stafford Mfg. Co	Ionia	F. Tomas	22	No	.....	Yes	Slight	28
Aug. 25	E. H. Stafford Mfg. Co	Ionia	H. Moffet	40	No	.....	No	Slight	....

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	IONIA CO.—*Con.*								
Aug. 26	E. H. Stafford Mfg. Co	Ionia	V. Hedstrom	27	No	.....	Yes	Slight	8
Aug. 29	E. H. Stafford Mfg. Co	Ionia	C. Roberts	41	No	.....	No	Slight	31
Sept. 6	E. H. Stafford Mfg. Co	Ionia	O. Stanislow	40	No	No	No	Slight	2
Sept. 12	E. H. Stafford Mfg. Co	Ionia	T. Angerilli	19	Yes	Yes	Yes	Serious	25
Sept. 15	E. H. Stafford Mfg. Co	Ionia	J. Bourgeois	18	Yes	Yes	No	Serious	245
Sept. 19	E. H. Stafford Mfg. Co	Ionia	A. Moore	21	Yes	Yes	No	Slight	2
Sept. 26	E. H. Stafford Mfg. Co	Ionia	A. Moore	21	Yes	Yes	No	Slight	9
Oct. 17	E. H. Stafford Mfg. Co	Ionia	A. Jones	18	Yes	Yes	Yes	Slight	2
Oct. 20	E. H. Stafford Mfg. Co	Ionia	A. Lebar	20	Yes	Yes	No	Serious	210
Nov. 29	E. H. Stafford Mfg. Co	Ionia	F. Reuhs	18	No	.....	No	Slight	1
Dec. 3	E. H. Stafford Mfg. Co	Ionia	B. Connelly	25	Yes	Yes	No	Slight	12
April 12	Ypsilanti Reed Furniture Co	Ionia	H. Logee	24	Yes	Yes	No	Slight	2
April 16	Ypsilanti Reed Furniture Co	Ionia	F. McKee	29	Yes	No	No	Slight	1
May 7	Ypsilanti Reed Furniture Co	Ionia	C. Davis	26	Yes	Yes	No	Slight	3
May 19	Ypsilanti Reed Furniture Co	Ionia	W. Pulsipher	40	No	.....	Yes	Slight	....
June 23	Ypsilanti Reed Furniture Co	Ionia	E. Doty	45	No	.....	No	Slight	21
June 27	Ypsilanti Reed Furniture Co	Ionia	W. LeMoyne	40	Yes	Yes	Yes	Serious	42
July 20	Ypsilanti Reed Furniture Co	Ionia	W. Banks	28	Yes	Yes	No	Slight	1
Aug. 11	Ypsilanti Reed Furniture Co	Ionia	J. Foesbender	26	No	.....	No	Slight	21
Sept. 2	Ypsilanti Reed Furniture Co	Ionia	C. Ward	22	No	.....	No	Slight	28
Sept. 25	Ypsilanti Reed Furniture Co	Ionia	S. Frost	19	Yes	Yes	No	Slight	2
Oct. 3	Ypsilanti Reed Furniture Co	Ionia	A. Oliver	45	Yes	Yes	No	Slight	1
Oct. 8	Ypsilanti Reed Furniture Co	Ionia	M. Hanford	39	Yes	Yes	Yes	Slight	3
Oct. 24	Ypsilanti Reed Furniture Co	Ionia	D. Renwick	20	Yes	Yes	No	Slight	5
Nov. 11	Ypsilanti Reed Furniture Co	Ionia	F. McKee	29	Yes	Yes	No	Slight	1
Nov. 20	Ypsilanti Reed Furniture Co	Ionia	H. Deline	26	Yes	Yes	Yes	Slight	1
	IOSCO COUNTY.								
June 20	U. S. Gypsum Co.	Alabaster	J. Rantanen	40	No	.....	Yes	Fatal	....
May 5	Au Sable Electric Co	Five Channels.	E. Piatt	31	Yes	Yes	Yes	Slight	....
Sept. 29	Au Sable Electric Co	Five Channels.	E. Lanfair	25	No	.....	Yes	Severe	40
Jan. 22	Eastern Michigan Power Co	Five Channels.	J. Youmans	33	No	.....	Yes	Slight	6
Jan. 31	Eastern Michigan Power Co	Five Channels.	E. Kelly	21	Yes	Yes	.....	Slight	....
Feb. 24	Eastern Michigan Power Co	Five Channels.	F. Barrett	28	No	.....	Yes	Slight	4
Feb. 26	Eastern Michigan Power Co	Five Channels.	H. Burch	38	No	.....	Yes	Slight	3
April 1	Eastern Michigan Power Co	Five Channels.	L. Holbert	50	No	.....	Yes	Slight	7
April 14	Eastern Michigan Power Co	Five Channels.	J. McKeen	31	No	.....	.....	Severe	23
April 22	Eastern Michigan Power Co	Five Channels.	T. O'Meara	38	No	.....	Yes	Slight	6
April 28	Eastern Michigan Power Co	Five Channels.	L. Reno	33	No	.....	.....	Slight	8
April 28	Eastern Michigan Power Co	Five Channels.	P. Youngs	23	No	.....	.....	Slight	2
April 28	Eastern Michigan Power Co	Five Channels.	M. Waldo	28	No	.....	Yes	Slight	6
May 17	Eastern Michigan Power Co	Five Channels.	C. Wilber	26	No	.....	.....	Slight	3
May 20	Eastern Michigan Power Co	Five Channels.	A. Bois	54	No	.....	Yes	Slight	9
May 22	Eastern Michigan Power Co	Five Channels.	N. Barshaw	24	No	.....	.....	Slight	4
May 24	Eastern Michigan Power Co	Five Channels.	A. Belleville	38	No	.....	Yes	Slight	....
May 30	Eastern Michigan Power Co	Five Channels.	E. Becker	19	No	.....	Yes	Slight	3
May 30	Eastern Michigan Power Co	Five Channels.	E. Reickard	60	No	.....	Yes	Slight	6
June 6	Eastern Michigan Power Co	Five Channels.	R. Patrick	17	No	.....	Yes	Slight	3
Sept. 1	Eastern Michigan Power Co	Five Channels.	L. Corner	28	Yes	Yes	.....	Slight	2
Feb. 1	Eastern Michigan Power Co	Loud Devel'mt	M. Clark	20	No	.....	.....	Severe	99
Feb. 20	Eastern Michigan Power Co	Loud Devel'mt	E. Taft	63	No	.....	Yes	Severe	20
Feb. 21	Eastern Michigan Power Co	Loud Devel'mt	A. Thornton	52	No	.....	.....	Slight	10
Feb. 22	Eastern Michigan Power Co	Loud Devel'mt	E. Keith	21	Yes	Yes	.....	Slight	2
Mar. 4	Eastern Michigan Power Co	Loud Devel'mt	W. Barrett	46	No	.....	Yes	Severe	48
Mar. 12	Eastern Michigan Power Co	Loud Devel'mt	A. Guest	22	No	.....	.....	Severe	....
Mar. 17	Eastern Michigan Power Co	Loud Devel'mt	B. Wolfe	21	No	.....	Yes	Severe	42
Mar. 18	Eastern Michigan Power Co	Loud Devel'mt	E. Cooper	36	No	.....	.....	Slight	6
April 14	Eastern Michigan Power Co	Loud Devel'mt	J. McKeen	31	No	.....	Yes	Slight	20

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	Iosco Co.—*Con.*								
April 14	Eastern Michigan Power Co	Loud Devel'mt	F. Buck	44	No		Yes	Slight	7
April 17	Eastern Michigan Power Co	Loud Devel'mt	F. Chaney	38	Yes	Yes	Yes	Slight	....
May 5	Eastern Michigan Power Co	Loud Devel'mt	J. VanAllen	67	No		Yes	Slight	....
May 5	Eastern Michigan Power Co	Loud Devel'mt	A. McClintock	57	No			Severe	29
June 7	Eastern Michigan Power Co	Loud Devel'mt	J. Chinevar	50	No			Slight	4
June 9	Eastern Michigan Power Co	Loud Devel'mt	M. Wintchell	57	No			Slight	5
June 23	Eastern Michigan Power Co	Loud Devel'mt	C. Farrand	18	No			Slight	20
June 26	Eastern Michigan Power Co	Loud Devel'mt	J. Chinevar	50	No			Slight	....
June 28	Eastern Michigan Power Co	Loud Devel'mt	E. Allen	48	No		Yes	Slight	....
July 12	Eastern Michigan Power Co	Loud Devel'mt	C. Wright	50	No			Slight	2
July 15	Eastern Michigan Power Co	Loud Devel'mt	F. Flashman	54	No			Severe	26
July 18	Eastern Michigan Power Co	Loud Devel'mt	W. Pfeil	17	No		Yes	Slight	4
July 19	Eastern Michigan Power Co	Loud Devel'mt	A. Guiliano	30	No		Yes	Slight	6
July 23	Eastern Michigan Power Co	Loud Devel'mt	E. London	35	Yes	Yes	Yes	Slight	....
July 25	Eastern Michigan Power Co	Loud Devel'mt	A. Reickard	50	No			Slight	1
July 30	Eastern Michigan Power Co	Loud Devel'mt	C. Bill	42	Yes	Yes		Slight	....
Aug. 2	Eastern Michigan Power Co	Loud Devel'mt	E. Reickard	16	No		Yes	Slight	2
Aug. 8	Eastern Michigan Power Co	Loud Devel'mt	P. Medore	23	No		Yes	Slight	....
Aug. 15	Eastern Michigan Power Co	Loud Devel'mt	C. Pfeil	48	No			Slight	1
Aug. 18	Eastern Michigan Power Co	Loud Devel'mt	E. Kelly	22	Yes	Yes		Slight	....
Aug. 23	Eastern Michigan Power Co	Loud Devel'mt	B. Papple	31	No		Yes	Slight	8
Sept. 6	Eastern Michigan Power Co	Loud Devel'mt	F. Frank	20	Yes	Yes	Yes	Severe	40
Sept. 6	Eastern Michigan Power Co	Loud Devel'mt	L. Kennedy	23	No		Yes	Slight	2
Sept. 10	Eastern Michigan Power Co	Loud Devel'mt	J. Melrose	21	No		Yes	Slight	5
Sept. 11	Eastern Michigan Power Co	Loud Devel'mt	F. Stewart	27	No		Yes	Slight	4
Sept. 13	Eastern Michigan Power Co	Loud Devel'mt	E. London	35	No			Slight	2
Sept. 18	Eastern Michigan Power Co	Loud Devel'mt	S. Curtis	48	Yes	Yes		Severe	15
Sept. 18	Eastern Michigan Power Co	Loud Devel'mt	T. Leonard	44	No			Slight	4
Sept. 25	Eastern Michigan Power Co	Loud Devel'mt	E. Reickard	16	No		Yes	Slight	....
Sept. 27	Eastern Michigan Power Co	Loud Devel'mt	F. O'Meara	39	No		Yes	Slight	....
Oct. 3	Eastern Michigan Power Co	Loud Devel'mt	A. Carney	39	No			Slight	1
Jan. 21	Detroit & Mackinac Railway Co	Tawas City	J. Krumm	50	No		Yes	Slight	7
Feb. 8	Detroit & Mackinac Railway Co	Tawas City	F. Schraeder	52	No		Yes	Slight	25
Mar. 5	Detroit & Mackinac Railway Co	Tawas City	D. McGuire	18	Yes	Yes	Yes	Slight	19
Mar. 13	Detroit & Mackinac Railway Co	Tawas City	T. Moore	55	Yes	Yes	Yes	Slight	18
June 16	Detroit & Mackinac Railway Co	Tawas City	M. Bolen	20	Yes	Yes	Yes	Severe	30
July 9	Detroit & Mackinac Railway Co	Tawas City	A. Biglow	60	No		No	Slight	19
	Iron County.								
Mar. 26	Buffalo Iron Mining Co	Iron River	J. Clement	38	No		No	Slight	3
Mar. 31	Buffalo Iron Mining Co	Iron River	J. Perkins	43	Yes		Yes	Severe	54
May 3	Buffalo Iron Mining Co	Iron River	J. Palmer	24	No		No	Severe	80
Oct. 12	Buffalo Iron Mining Co	Iron River	A. Menneguzzi	31	No		Yes	Severe	15
Oct. 18	Buffalo Iron Mining Co	Iron River	G. Meagher	47	Yes	Yes	Yes	Severe	12
Feb. 9	Davidson Ore Mining Co	Iron River	S. Koski	30	No		Yes	Fatal	....
Feb. 26	Davidson Ore Mining Co	Iron River	A. Villaneli	29	No		No	Slight	18
Feb. 26	Davidson Ore Mining Co	Iron River	A. Koscala	29	No		No	Slight	44
April 8	Davidson Ore Mining Co	Iron River	A. Newhome	29	Yes	Yes	No	Severe	28
May 12	Davidson Ore Mining Co	Iron River	E. Gustafson	21	No		No	Severe	41
May 20	Davidson Ore Mining Co	Iron River	A. Crochetto	43	No		No	Serious	124
June 3	Davidson Ore Mining Co	Iron River	E. Varachtert	35	No		Yes	Severe	27
June 16	Davidson Ore Mining Co	Iron River	T. Dovitte	37	No		No	Serious	34
Oct. 1	Davidson Ore Mining Co	Iron River	A. Morley	30	No		No	Slight	21
Oct. 6	Davidson Ore Mining Co	Iron River	J. Paris	31	No		No	Serious	27

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	IRON CO.—*Con.*								
Mar. 7	Jones & Laughlin Ore Co	Iron River	S. Angeli	25	Yes	Yes	No	Slight	72
April 1	Jones & Laughlin Ore Co	Iron River	J. Knutson	19	Yes	Yes	No	Slight	14
April 8	Jones & Laughlin Ore Co	Iron River	E. Roberts	18	No		Yes	Slight	12
May 3	Jones & Laughlin Ore Co	Iron River	W. Slerman	28	No		No	Fatal	....
May 19	Jones & Laughlin Ore Co	Iron River	D. Muslett	45	Yes	Yes	Yes	Slight	10
May 23	Jones & Laughlin Ore Co	Iron River	J. Laea	26	No		Yes	Slight	14
June 21	Jones & Laughlin Ore Co	Iron River	A. Jenkins	28	No		Yes	Slight	18
June 28	Jones & Laughlin Ore Co	Iron River	H. Slerman	21	Yes	Yes	Yes	Slight	7
June 23	Mineral Mining Co	Iron River	P. Caston	33	Yes	No		Slight	18
Aug. 22	Mineral Mining Co	Iron River	J. Elson	27	Yes	Yes	Yes	Severe	31
Jan. 11	Munro Iron Mining Co	Iron River	A. Sowa	36	No		No	Serious	365
Jan. 13	Munro Iron Mining Co	Iron River	A. Puty	30	No		No	Slight	10
Jan. 13	Munro Iron Mining Co	Iron River	W. Dobzinaski	26	No		No	Slight	4
Feb. 26	Munro Iron Mining Co	Iron River	S. Goseski	32	No		No	Severe	75
April 10	Munro Iron Mining Co	Iron River	J. Bailock	24	No		No	Slight	10
May 12	Munro Iron Mining Co	Iron River	E. Fisher	42	Yes	No	Yes	Slight	5
May 22	Munro Iron Mining Co	Iron River	J. Today	18	No		Yes	Serious	194
June 6	Mun.o Iron Mining Co	Iron River	J. Folka	25	No		No	Severe	•30
July 25	Munro Iron Mining Co	Iron River	G. Ziescanoich	20	No		No	Slight	21
Aug. 12	Munro Iron Mining Co	Iron River	A. Wielgoss	37	No		Yes	Slight	13
Aug. 15	Munro Iron Mining Co	Iron River	Z. Butckko	25	No		Yes	Serious	21
Aug. 30	Munro Iron Mining Co	Iron River	J. Skopecki	41	No		No	Slight	20
Oct. 6	Munro Iron Mining Co	Iron River	D. Dalich	21	No		No	Slight	20
Oct. 10	Munro Iron Mining Co	Iron River	B. Labotski	24	No		No	Slight	13
Oct. 27	Munro Iron Mining Co	Iron River	J. Hoin	28	No		No	Slight	13
Nov. 28	Munro Iron Mining Co	Iron River	A. Kevar	34	No		No	Slight	14
Feb. 19	Wickwire Mining Co	Iron River	J. Corbett	60	No		No	Slight	6
May 7	Wickwire Mining Co	Iron River	S. Sundeline	19	No		Yes	Slight	10
May 10	Wickwire Mining Co	Iron River	M. Baumgartner	55	No		No	Slight	3
July 21	Wickwire Mining Co	Iron River	P. Peterson	42	No		No	Fatal	....
Aug. 25	Wickwire Mining Co	Iron River	E. Gruidi	27	No			Fatal	....
Sept. 4	Wickwire Mining Co	Iron River	H. Bukka	26	No			Severe	30
Sept. 11	Wickwire Mining Co	Iron River	J. Nowatsako	26	No		No	Severe	33
Sept. 18	Wickwire Mining Co	Iron River	L. Kiesceke	48	No		No	Slight	3
Jan. 6	Crystal Falls Iron Mining Co	Stambaugh	J. Macki	31				Severe	14
May 3	Crystal Falls Iron Mining Co	Stambaugh	O. Carlson	30				Severe	14
May 26	Crystal Falls Iron Mining Co	Stambaugh	G. Kelie	26				Severe	14
May 29	Crystal Falls Iron Mining Co	Stambaugh	M. Leckna	30				Severe	60
May 30	Crystal Falls Iron Mining Co	Stambaugh	M. Buben	21				Severe	14
June 18	Crystal Falls Iron Mining Co	Stambaugh	M. Konracki	24				Fatal	....
July 9	Crystal Falls Iron Mining Co	Stambaugh	J. Haas	56				Severe	21
July 26	Crystal Falls Iron Mining Co	Stambaugh	N. Levesque	37				Severe	14
Aug. 1	Crystal Falls Iron Mining Co	Stambaugh	J. Walenti	23				Severe	14
Aug. 15	Crystal Falls Iron Mining Co	Stambaugh	S. Zagorskey	29				Severe	14
Aug. 18	Crystal Falls Iron Mining Co	Stambaugh	J. Stanaway	70				Severe	30
Aug. 24	Crystal Falls Iron Mining Co	Stambaugh	M. Lutos	44				Severe	14
Sept. 24	Crystal Falls Iron Mining Co	Stambaugh	E. Erickson	29	Yes	Yes	Yes	Severe	21
Nov. 8	Crystal Falls Iron Mining Co	Stambaugh	L. Erleiker	21				Severe	21
Nov. 13	Crystal Falls Iron Mining Co	Stambaugh	A. Mattson	39				Severe	14
Nov. 20	Crystal Falls Iron Mining Co	Stambaugh	M. Lutcos	45				Severe	90
Nov. 30	Crystal Falls Iron Mining Co	Stambaugh	W. Kluck	34				Severe	....
Dec. 1	Crystal Falls Iron Mining Co	Stambaugh	J. Maike	32				Severe	21
	ISABELLA COUNTY.								
May 1	Blanchard Roller Mills	Blanchard	C. Gilkes	30	Yes	No	Yes	Severe	7
April 22	W. J. Thompson	Mt. Pleasant	W. Thompson					Fatal	....

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	JACKSON COUNTY.								
June 1	Au Sable Electric Co	Grass Lake	F. Balch	....	Yes	Yes	.....	Slight	2
April 17	American Fork & Hoe Co	Jackson	D. Rapelje	26	No	.....	.....	Severe	28
Jan. 4	Au Sable Electric Co	Jackson	W. Hughes	21	Yes	Yes	.....	Slight	....
Feb. 5	Au Sable Electric Co	Jackson	H. Hatch	34	No	.....	.....	Slight	....
April 3	Au Sable Electric Co	Jackson	E. Doyle	31	Yes	Yes	Yes	Serious	250
April 5	Au Sable Electric Co	Jackson	C. Allen	26	No	.....	.....	Slight	7
April 5	Au Sable Electric Co	Jackson	S. Kinner	35	No	.....	.....	Slight	2
April 11	Au Sable Electric Co	Jackson	P. Chelbus	33	Yes	Yes	.....	Severe	18
June 5	Au Sable Electric Co	Jackson	J. Lane	28	No	.....	.....	Slight	....
June 30	Au Sable Electric Co	Jackson	S. Brietmayer	31	No	.....	.....	Slight	1
July 9	Au Sable Electric Co	Jackson	J. Kelly	28	Yes	Yes	.....	Severe	1
Aug. 28	Au Sable Electric Co	Jackson	E. Livingston	....	No	.....	Yes	Slight	3
Oct. 7	Au Sable Electric Co	Jackson	E. Bostrom	42	No	.....	.....	Slight	3
Jan. 1	Baker Drop Forge Co	Jackson	P. Bocan	25	No	.....	.....	Slight	13
Mar. 5	Baker Drop Forge Co	Jackson	F. Finis	27	Yes	Yes	No	Slight	....
Mar. 6	Baker Drop Forge Co	Jackson	H. Ross	30	Yes	Yes	No	Slight	7
Mar. 14	Baker Drop Forge Co	Jackson	J. Snebing	50	No	.....	Yes	Slight	....
Mar. 17	Baker Drop Forge Co	Jackson	F. Morris	26	Yes	Yes	No	Slight	....
Mar. 17	Baker Drop Forge Co	Jackson	R. Hontoon	31	Yes	Yes	No	Severe	....
Mar. 27	Baker Drop Forge Co	Jackson	J. Bisonig	30	Yes	Yes	No	Slight	....
April 5	Baker Drop Forge Co	Jackson	T. Unhol	25	Yes	Yes	No	Slight	1
April 9	Baker Drop Forge Co	Jackson	L. Lawrence	22	No	.....	No	Slight	1
April 16	Baker Drop Forge Co	Jackson	J. Bisonig	30	Yes	Yes	No	Slight	....
May 5	Baker Drop Forge Co	Jackson	W. Lawrence	23	Yes	Yes	No	Slight	1
May 14	Baker Drop Forge Co	Jackson	T. Burton	22	Yes	Yes	No	Serious	28
May 20	Baker Drop Forge Co	Jackson	J. Nitzen	32	Yes	Yes	No	Severe	14
June 15	Baker Drop Forge Co	Jackson	J. Ninhey	40	Yes	Yes	No	Severe	15
June 17	Baker Drop Forge Co	Jackson	F. Dunn	26	Yes	Yes	No	Severe	....
June 20	Baker Drop Forge Co	Jackson	M. Maloney	19	Yes	Yes	Yes	Slight	24
July 9	Baker Drop Forge Co	Jackson	F. Schlenk	30	No	.....	Yes	Severe	....
July 9	Baker Drop Forge Co	Jackson	C. Chase	28	Yes	Yes	Yes	Slight	12
July 15	Baker Drop Forge Co	Jackson	B. Thomas	34	Yes	.....	No	Slight	....
July 16	Baker Drop Forge Co	Jackson	W. Sarata	22	Yes	Yes	No	Slight	5
July 26	Baker Drop Forge Co	Jackson	J. Barash	28	No	.....	No	Slight	5
July 30	Baker Drop Forge Co	Jackson	T. Burns	21	Yes	Yes	Yes	Slight	....
Aug. 11	Baker Drop Forge Co	Jackson	A. Hoffman	35	Yes	Yes	.....	Severe	9
Aug. 12	Baker Drop Forge Co	Jackson	H. Schappa	26	Yes	Yes	No	Severe	30
Aug. 12	Baker Drop Forge Co	Jackson	J. Rood	38	No	.....	Yes	Severe	....
Aug. 28	Baker Drop Forge Co	Jackson	H. Lurris	28	Yes	Yes	No	Serious	37
Aug. 30	Baker Drop Forge Co	Jackson	H. Billings	24	Yes	Yes	No	Slight	3
Sept. 12	Baker Drop Forge Co	Jackson	J. Nitzen	49	Yes	Yes	No	Slight	....
Sept. 24	Baker Drop Forge Co	Jackson	F. Davidson	44	Yes	Yes	No	Slight	....
Jan. 15	Commonwealth Power Co	Jackson	A. Worden	71	No	.....	Yes	Serious	....
Jan. 27	Commonwealth Power Co	Jackson	R. Alderdyce	24	Yes	Yes	Yes	Slight	....
July 12	Commonwealth Power Co	Jackson	D. Gillepsie	24	No	.....	.....	Fatal	....
Aug. 14	Commonwealth Power Co	Jackson	R. Flannigan	17	No	.....	.....	Slight	....
Aug. 29	Commonwealth Power Co	Jackson	H. Degnaar	33	No	.....	.....	Slight	....
Aug. 27	Commonwealth Power Co	Jackson	L. Dailey	18	No	.....	Yes	Slight	....
Jan. 21	Eastern Michigan Power Co	Jackson	M. Ballard	20	No	.....	Yes	Fatal	....
June 24	Eastern Michigan Power Co	Jackson	R. Garling	19	No	.....	Yes	Slight	....
Sept. 20	Eastern Michigan Power Co	Jackson	C. Heroux	35	No	.....	Yes	Slight	....
Oct. 3	Eastern Michigan Power Co	Jackson	T. Woodrow	27	No	.....	.....	Slight	....
Oct. 7	Eastern Michigan Power Co	Jackson	J. King	27	Yes	Yes	.....	Slight	....
Oct. 7	Eastern Michigan Power Co	Jackson	E. Tubbs	22	No	.....	.....	Serious	60
Oct. 14	Eastern Michigan Power Co	Jackson	J. Lamb	24	Yes	Yes	.....	Slight	....
Jan. 11	Goodwin Corset Co	Jackson	G. Ferguson	76	Yes	Yes	Yes	Fatal	....
Sept. 1	Hayes Wheel Co	Jackson	E. Shondel	29	Yes	Yes	Yes	Severe	30
Oct. 23	Hayes Wheel Co	Jackson	J. Penrose	36	Yes	Yes	Yes	Severe	30
Dec. 3	Hayes Wheel Co	Jackson	J. Hughey	49	Yes	Yes	Yes	Severe	45
Dec. 3	Hayes Wheel Co	Jackson	G. Lewis	55	Yes	Yes	Yes	Slight	2

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	JACKSON CO.—*Con.*								
.....	Hayes Wheel Co.	Jackson	J. Schaifler	40	No	.....	.....	Severe	60
Sept. 6	Haehnle Brewing Co.	Jackson	W. Yaeckley	26	Yes	Yes	Yes	Severe	21
Sept. 5	Houser, Owen & Ames	Jackson	L. Morris	50	No	.....	No	Severe	49
April 30	Lewis Spring & Axle Co.	Jackson	J. Doake	24	No	.....	Yes	Severe	30
May 4	Lewis Spring & Axle Co.	Jackson	W. Fairley	53	No	.....	Yes	Serious	15
May 4	Lewis Spring & Axle Co.	Jackson	C. Belleter	46	No	.....	Yes	Slight	5
June 3	Lewis Spring & Axle Co.	Jackson	H. Somerdyk	22	.....	.....	.....	Severe	30
July 5	Lewis Spring & Axle Co.	Jackson	C. Yuick	22	.....	.....	.....	Severe	20
May 8	Michigan Bag & Paper Co.	Jackson	G. Gray	....	No	.....	No	Severe	84
Feb. 18	Michigan Gas Appliance Co.	Jackson	R. Plum	45	Yes	Yes	No	Severe	14
Aug. 9	Michigan State Prison	Jackson	A. Grundy	27	Yes	Yes	Yes	Severe	18
Aug. 22	Michigan State Prison	Jackson	W. Strum	33	No	.....	.....	Severe	90
Oct. 7	Michigan State Prison	Jackson	C. Petchell	47	Yes	Yes	Yes	Severe	28
Sept. 25	J. B. Timberlake & Sons	Jackson	J. Boland	44	Yes	Yes	No	Severe	45
April 18	Walcott & Wood Machine Co.	Jackson	A. Bichford	32	Yes	Yes	Yes	Severe	28
June 3	Au Sable Electric Co.	Parma	H. Bell	....	Yes	Yes	.....	Slight	2
	KALAMAZOO COUNTY.								
Jan. 9	Au Sable Electric Co.	Kalamazoo	H. Warner	22	Yes	Yes	Yes	Slight	....
Jan. 13	Au Sable Electric Co.	Kalamazoo	H. Cool	28	No	.....	.....	Slight	2
April 9	Au Sable Electric Co	Kalamazoo	W. VanAtter	19	Yes	Yes	.....	Slight	....
April 7	Au Sable Electric Co.	Kalamazoo	A. Dean	34	Yes	Yes	.....	Slight	....
July 3	Au Sable Electric Co.	Kalamazoo	R. Summerville	21	Yes	Yes	.....	Slight	....
Aug. 20	Au Sable Electric Co	Kalamazoo	O. Wagner	20	Yes	Yes	.....	Slight	....
Sept. 6	Au Sable Electric Co.	Kalamazoo	A. Larkin	46	Yes	Yes	.....	Slight	....
Oct. 15	Au Sable Electric Co.	Kalamazoo	E. Brown	40	Yes	Yes	Yes	Severe	30
Oct. 21	Au Sable Electric Co.	Kalamazoo	F. Skinner	28	Yes	Yes	Yes	Serious	40
April 28	Big 4 Light & Fuel Co.	Kalamazoo	J. DeMeyer	40	Yes	Yes	Yes	Severe	28
Feb. 4	Bryant Paper Co.	Kalamazoo	J. VanderBos	46	Yes	Yes	Yes	Serious	28
Feb. 24	Bryant Paper Co.	Kalamazoo	B. Adams	47	Yes	Yes	Yes	Serious	90
Feb. 24	Bryant Paper Co.	Kalamazoo	R. West	17	No	.....	Yes	Serious	....
June 18	Bryant Paper Co.	Kalamazoo	P. Everts	24	No	.....	Yes	Serious	175
Nov. 22	Bryant Paper Co.	Kalamazoo	J. Sootsman	23	Yes	Yes	Yes	Fatal	....
June 23	Clarage Foundry & Mfg. Co.	Kalamazoo	C Simmons	34	No	.....	.....	Serious	48
June 26	Clarage Foundry & Mfg. Co.	Kalamazoo	P. Robyn	49	Yes	.....	Yes	Severe	18
Aug. 26	Clarage Foundry & Mfg. Co.	Kalamazoo	J. Mucka	23	Yes	.....	No	Slight	19
Sept. 13	Clarage Foundry & Mfg. Co.	Kalamazoo	G. Wilcox	40	No	.....	Yes	Serious	65
Oct. 13	Clarage Foundry & Mfg. Co.	Kalamazoo	M. Hobbs	23	Yes	Yes	Yes	Serious	....
Jan. 17	Commonwealth Power Co.	Kalamazoo	L. Mott	20	No	.....	Yes	Slight	....
Jan. 24	Commonwealth Power Co.	Kalamazoo	R. Sherrod	30	No	.....	.....	Slight	5
Jan. 25	Commonwealth Power Co.	Kalamazoo	C. Cole	23	No	.....	Yes	Slight	5
Feb. 3	Commonwealth Power Co.	Kalamazoo	W. Brown	25	No	.....	Yes	Severe	16
Feb. 6	Commonwealth Power Co.	Kalamazoo	G. Caswell	27	No	.....	.....	Slight	2
Mar. 13	Commonwealth Power Co.	Kalamazoo	N. Delaney	24	No	.....	Yes	Slight	....
Mar. 21	Commonwealth Power Co.	Kalamazoo	L. Nash	28	No	.....	.....	Slight	3
April 14	Commonwealth Power Co.	Kalamazoo	F. Labdie	45	No	.....	.....	Severe	28
June 19	Commonwealth Power Co.	Kalamazoo	W. Frielink	19	No	.....	.....	Slight	....
June 30	Eastern Michigan Power Co.	Kalamazoo	T. Giju	34	No	.....	.....	Slight	5
June 30	Eastern Michigan Power Co.	Kalamazoo	J. Leaver	34	No	.....	.....	Slight	14
July 16	Eastern Michigan Power Co.	Kalamazoo	J. Shaul	42	No	.....	Yes	Slight	8
Aug. 8	Eastern Michigan Power Co.	Kalamazoo	J. Haslitts	35	No	.....	.....	Slight	....
Aug. 5	Eastern Michigan Power Co.	Kalamazoo	F. Berry	26	No	.....	.....	Severe	16
Aug. 9	Eastern Michigan Power Co.	Kalamazoo	B. Goodspeed	36	Yes	Yes	.....	Severe	18
Sept. 29	Eastern Michigan Power Co.	Kalamazoo	R. Reed	19	No	.....	.....	Slight	14
May 24	The Enameled Tank Co.	Kalamazoo	D. Guthrie	60	No	.....	Yes	Severe	15
April	General Gas Light Co.	Kalamazoo	O. Frey	40	No	.....	.....	Severe	14
Jan. 28	General Gas Light Co.	Kalamazoo	E. Gasahl	20	Yes	No	Yes	Severe	45
Aug. 25	General Gas Light Co.	Kalamazoo	J. Bouman	60	Yes	Yes	No	Serious	90

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	KALAMAZOO CO.—*Con.*								
Feb. 7	Hanselman Candy Co	Kalamazoo	M. Gumberling	16	Yes	No	Yes	Serious	....
Mar. 4	Harrow Spring Co	Kalamazoo	M. Cismadis	19	Yes	No	No	Severe	12
Mar. 4	Harrow Spring Co	Kalamazoo	M. Shontie	23	Yes	No	No	Severe	41
Mar. 5	Harrow Spring Co	Kalamazoo	F. Letko	39	Yes	Yes	No	Severe	18
Mar. 20	Harrow Spring Co	Kalamazoo	T. Miller	27	Yes	Yes	No	Fatal	....
April 3	Harrow Spring Co	Kalamazoo	G. Fredley	27	Yes	Yes	Yes	Severe	10
April 9	Harrow Spring Co	Kalamazoo	C. Den	20				Severe	11
April 16	Harrow Spring Co	Kalamazoo	J. Csine	48	Yes	No	Yes	Severe	31
June 4	Harrow Spring Co	Kalamazoo	S. Talio	34				Serious	39
June 12	Harrow Spring Co	Kalamazoo	W. Bell	40	No		No	Serious	60
July 15	Harrow Spring Co	Kalamazoo	J. Mallen	30	No			Slight	13
Aug. 4	Harrow Spring Co	Kalamazoo	J. Toni	28	Yes	No	No	Slight	10
Oct. 1	Harrow Spring Co	Kalamazoo	S. Talio	35	Yes	No	Yes	Severe	14
.....	Harrow Spring Co	Kalamazoo	G. Lemmer						12
Oct. 2	Wm. E. Hill Co	Kalamazoo	W. Myron	58			No	Serious	....
Mar. 18	Illinois Envelope Co	Kalamazoo	F. Roe	22	Yes	Yes	Yes	Severe	....
April 11	Illinois Envelope Co	Kalamazoo	G. Krapp	21	Yes	Yes	No	Severe	7
April 12	Illinois Envelope Co	Kalamazoo	V. Lomison	17	Yes	Yes	No	Severe	7
April 25	Illinois Envelope Co	Kalamazoo	I. Wood	19	Yes	Yes	Yes	Severe	14
April 19	Illinois Envelope Co	Kalamazoo	N. VandeVoorde	15	Yes	Yes	Yes	Severe	....
June 2	Illinois Envelope Co	Kalamazoo	G. Yoxen	37	Yes	Yes	No	Severe	....
June 11	Illinois Envelope Co	Kalamazoo	O. Anderson	18	Yes	Yes	Yes	Severe	....
June 13	Illinois Envelope Co	Kalamazoo	C. Beare	17	Yes	Yes	No	Serious	42
July 23	Illinois Envelope Co	Kalamazoo	B. Shelters	25	Yes	Yes	Yes	Serious	28
Oct. 30	Illinois Envelope Co	Kalamazoo	B. Husted	19	Yes	Yes	Yes	Serious	30
Nov. 6	Illinois Envelope Co	Kalamazoo	I. Dundom	45	No		Yes	Severe	8
Nov. 8	Illinois Envelope Co	Kalamazoo	J. Brown	34	Yes	Yes	No	Severe	1
June 9	Kalamazoo Foundry & Machine Co.	Kalamazoo	F. Webber	55	Yes	Yes	No	Severe	21
July 7	Kalamazoo Foundry & Machine Co.	Kalamazoo	J. Dyke	50	Yes	Yes	No	Severe	30
Aug. 6	Kalamazoo Foundry & Machine Co.	Kalamazoo	E. Frits	46	Yes	Yes	No	Severe	52
Aug. 25	Kalamazoo Foundry & Machine Co.	Kalamazoo	H. Hartman	17	No		Yes	Severe	30
Aug. 23	Reed Foundry & Machine Co	Kalamazoo	J. Nortness	28	Yes	Yes	No	Severe	42
Aug. 13	Kalamazoo Gas Co	Kalamazoo	M. Crochrara	20	No		Yes	Slight	25
May 20	Kalamazoo Laundry Co	Kalamazoo	K. Kramer	15	Yes	Yes	Yes	Severe	21
June 25	Kalamazoo Laundry Co	Kalamazoo	S. Mason	17	No		Yes	Severe	21
Oct. 7	Kalamazoo Laundry Co	Kalamazoo	L. Hayes	47	No		No	Severe	....
June 4	Kalamazoo Paper Box Co	Kalamazoo	L. Foley	18	Yes	No		Slight	....
June 12	Kalamazoo Paper Box Co	Kalamazoo	F. Briggs	40	Yes	Yes	Yes	Slight	....
July 25	Kalamazoo Paper Box Co	Kalamazoo	E. Gleason	21	Yes	No	No	Slight	23
July 29	Kalamazoo Paper Box Co	Kalamazoo	W. Ball	64	No		No	Slight	21
Aug. 16	Kalamazoo Paper Box Co	Kalamazoo	C. Taylor	23	Yes	Yes	No	Slight	9
Mar. 22	Kalamazoo Paper Co	Kalamazoo	W. Gerry	39	Yes	Yes	No	Serious	36
June 30	Kalamazoo Paper Co	Kalamazoo	A. Miller	37				Serious	54
Aug. 20	Kalamazoo Paper Co	Kalamazoo	A. Mayer	53	Yes	Yes		Slight	4
Aug. 29	Kalamazoo Paper Co	Kalamazoo	J. Lowe	24	Yes	Yes		Slight	7
Oct. 1	Kalamazoo Paper Co	Kalamazoo	C. Bulton	22	Yes	Yes		Slight	4
Oct. 2	Kalamazoo Paper Co	Kalamazoo	T. Cummings	69	Yes	Yes		Fatal	....
Oct. 15	Kalamazoo Paper Co	Kalamazoo	J. VanTyne	52				Severe	27
Oct. 16	Kalamazoo Paper Co	Kalamazoo	R. Spoor	36				Slight	6
Oct. 20	Kalamazoo Paper Co	Kalamazoo	C. Coburn	22	Yes	Yes		Slight	11
Oct. 29	Kalamazoo Paper Co	Kalamazoo	J. Renton	....	Yes	Yes		Slight	2
Oct. 29	Kalamazoo Paper Co	Kalamazoo	C. Curry	47	Yes	Yes		Severe	16
Jan. 6	Kalamazoo Railway Supply Co	Kalamazoo	L. Smith	18	Yes	Yes	Yes	Slight	6
June 1	Kalamazoo Railway Supply Co	Kalamazoo	J. Ritter	36	Yes	Yes	Yes	Severe	60
Oct. 15	Kalamazoo Railway Supply Co	Kalamazoo	R. Wright	18	Yes	Yes	Yes	Serious	30
Feb. 15	Kalamazoo Sled Co	Kalamazoo	J. Knapp	18	No		No	Severe	23
June 10	Kalamazoo Sled Co	Kalamazoo	J. Sofijes	19	Yes	Yes	No	Slight	2
July 24	Kalamazoo Sled Co	Kalamazoo	B. Swarts	55	Yes	Yes	No	Severe	12
Aug. 15	Kalamazoo Sled Co	Kalamazoo	L. Rowlee	22	Yes	Yes	No	Severe	24
Aug. 22	Kalamazoo Sled Co	Kalamazoo	W. Wilson	30	No		Yes	Slight	....

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	KALAMAZOO CO.—*Con.*								
Sept. 2	Kalamazoo Sled Co	Kalamazoo	H. Eehns	15	Yes	Yes	Yes	Slight	....
Nov. 19	Kalamazoo Sled Co	Kalamazoo	W. Wilson	30	No	.....	No	Slight	5
Feb. 5	Kalamazoo Stove Co	Kalamazoo	F. Jarvis	24	No	.....	No	Severe	7
Feb. 17	Kalamazoo Stove Co	Kalamazoo	A. Martton	26	Yes	Yes	No	Severe	33
Mar. 1	Kalamazoo Stove Co	Kalamazoo	C. Drybyk	33	No	.....	No	Severe	12
Mar. 12	Kalamazoo Stove Co	Kalamazoo	J. Goretzka	40	No	.....	No	Severe	40
April 5	Kalamazoo Stove Co	Kalamazoo	P. Boers	39	Yes	Yes	No	Severe	23
April 14	Kalamazoo Stove Co	Kalamazoo	E. Demming	38	No	.....	No	Severe	25
April 17	Kalamazoo Stove Co	Kalamazoo	J. Roberts	20	No	.....	No	Severe	12
April 29	Kalamazoo Stove Co	Kalamazoo	N. VanderVere	18	No	.....	No	Slight	13
May 3	Kalamazoo Stove Co	Kalamazoo	A. Hayten	37	No	.....	No	Severe	9
May 8	Kalamazoo Stove Co	Kalamazoo	W. Gearheart	43	No	.....	No	Severe	17
Aug. 13	Kalamazoo Stove Co	Kalamazoo	E. Jewell	25	No	.....	No	Slight	5
Mar. 10	Merchants Publishing Co	Kalamazoo	C. Overley	16	Yes	Yes	Yes	Slight	8
May 22	Merchants Publishing Co.	Kalamazoo	A. Kingston	49	No	.....	Yes	Slight	2
Oct. 21	Merchants Publishing Co	Kalamazoo	H. VanBaak	18	Yes	Yes	Yes	Slight	....
Nov. 12	Kalamazoo Brewing Co	Kalamazoo	J. Benarker	45	No	.....	No	Severe	21
Dec. 5	King Paper Co	Kalamazoo	P. Jenison	43	No	.....	No	Fatal	....
Dec. 31	King Paper Co	Kalamazoo	G. Woolery	22	Yes	Yes	Yes	Severe	7
Jan. 1	King Paper Co	Kalamazoo	J. Burnsworth	20	Yes	Yes	Yes	Severe	7
Feb. 8	King Paper Co	Kalamazoo	O. Utley	20	Yes	Yes	Yes	Severe	9
Feb. 19	King Paper Co	Kalamazoo	M. Brennan	40	Yes	Yes	Yes	Severe	14
April 17	King Paper Co	Kalamazoo	L. Gormal	31	Yes	Yes	Yes	Severe	60
June 16	King Paper Co	Kalamazoo	E. Warner	22	No	.....	No	Fatal	....
July 18	King Paper Co	Kalamazoo	G. Brown	18	Yes	Yes	No	Severe	14
Nov. 13	King Paper Co	Kalamazoo	L. Greeley	24	Yes	Yes	No	Severe	15
Nov. 4	North Lumber & Mfg. Co	Kalamazoo	T. Krugsbury	....	Yes	Yes	No	Severe	....
Feb. 19	Riverside Foundry Co	Kalamazoo	M. Long	63	No	.....	No	Severe	20
Nov. 8	Riverside Foundry Co	Kalamazoo	J. VanHugte	45	Yes	Yes	No	Serious	....
Feb. 15	Riverview Coated Paper Co	Kalamazoo	J. Yartiss	21	Yes	Yes	Yes	Serious	....
May 12	Riverview Coated Paper Co	Kalamazoo	F. Deem	....	Yes	Yes	Yes	Slight	....
June 9	Riverview Coated Paper Co	Kalamazoo	C. Forsman	38	Yes	Yes	Yes	Slight	15
Aug. 21	Riverview Coated Paper Co	Kalamazoo	S. Molalik	....	No	.....	.....	Slight	15
Sept. 2	Riverview Coated Paper Co	Kalamazoo	G. Vitz	25	Yes	Yes	.....	Fatal	....
Sept. 9	Riverview Coated Paper Co	Kalamazoo	W. Holson	19	Yes	Yes	Yes	Slight	11
Nov. 17	Riverview Coated Paper Co	Kalamazoo	W. Beckman	19	Yes	Yes	Yes	Slight	14
Feb. 5	Standard Paper Co	Kalamazoo	P. Early	50	No	.....	No	Severe	112
May 20	Standard Paper Co	Kalamazoo	H. Meier	17	Yes	Yes	No	Severe	26
May 27	Standard Paper Co	Kalamazoo	F. Bagle	16	Yes	Yes	No	Severe	25
July 14	Standard Paper Co	Kalamazoo	G. Hutchins	19	Yes	Yes	No	Severe	43
Aug. 5	Standard Paper Co	Kalamazoo	E. Welbourn	18	Yes	Yes	No	Severe	27
Sept. 10	Standard Paper Co	Kalamazoo	S. Twiggs	25	No	.....	Yes	Serious	....
Oct. 4	Standard Paper Co	Kalamazoo	R. Fisher	21	Yes	Yes	No	Severe	17
Oct. 17	Standard Paper Co	Kalamazoo	I. Brownley	41	No	.....	Yes	Severe	18
Dec. 30	Star Paper Co	Kalamazoo	J. Hill	41	No	.....	.....	Slight	28
April 25	C. H. Swindell & Co	Kalamazoo	E. Baker	43	.....	.....	No	Serious	107
Aug. 13	Trio Laundry Co	Kalamazoo	C. Palmer	30	Yes	Yes	Yes	Severe	....
April 2	Lee Paper Co	Vicksburg	G. Guribal	21	Yes	Yes	No	Slight	15
	KALKASKA COUNTY.								
Feb. 24	Kalkaska Handle Co	Kalkaska	L. Lancaster	25	Yes	Yes	Yes	Slight	5
June 4	Kalkaska Handle Co	Kalkaska	H. Swift	50	No	.....	Yes	Severe	28

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	KENT COUNTY.								
Aug. 20	Acme Plaster Co	Grand Rapids	H. Dornboss	19	Yes	No	No	Serious	60
April 24	American Cement & Plaster Co	Grand Rapids	M. Ellis	33	Yes	Yes	Yes	Serious	24
May 7	American Cement & Plaster Co	Grand Rapids	C. Henry	26	Yes	Yes	Yes	Severe	17
Aug. 5	American Seating Co	Grand Rapids	J. Thomas	20	Yes	Yes	No	Slight	8
Aug. 16	American Seating Co	Grand Rapids	J. Miller	27	Yes	Yes	Yes	Slight	18
Sept. 17	American Seating Co	Grand Rapids	J. Jamiesison	19	Yes	Yes	No	Severe	24
Sept. 24	American Seating Co	Grand Rapids	J. Norris	24	Yes	Yes	Yes	Severe	20
Oct. 9	American Seating Co	Grand Rapids	S. Yeo	19	Yes	No		Serious	26
Dec. 7	American Seating Co	Grand Rapids	J. Kraiski	35	Yes	Yes	Yes	Severe	20
Jan. 18	American Seating Co	Grand Rapids	P. Vander-Kooy	22	Yes	Yes	No	Slight	7
Feb. 3	American Seating Co	Grand Rapids	P. Brown	47	No		No	Severe	24
Feb. 10	American Seating Co	Grand Rapids	P. Jankowski	23	Yes	Yes	Yes	Severe	18
Feb. 11	American Seating Co	Grand Rapids	J. Norris	24	Yes	Yes	Yes	Slight	10
Mar. 3	American Seating Co	Grand Rapids	J. Crah	29	Yes	Yes	No	Slight	6
Mar. 16	American Seating Co	Grand Rapids	F. Streamers	31	Yes	Yes	No	Severe	12
Mar. 18	American Seating Co	Grand Rapids	P. Perkowsky	33	No		No	Slight	18
Mar. 26	American Seating Co	Grand Rapids	L. Rexford	18	No		No	Slight	10
April 9	American Seating Co	Grand Rapids	F. Thompson	24	Yes	Yes	Yes	Serious	75
April 18	American Seating Co	Grand Rapids	E. Rose	26	Yes	Yes	Yes	Slight	10
April 23	American Seating Co	Grand Rapids	J. Norris	24	Yes	Yes	Yes	Slight	6
May 13	American Seating Co	Grand Rapids	H. Trunis	28	Yes	Yes	No	Serious	36
May 22	American Seating Co	Grand Rapids	C. Visser	26	Yes	Yes	No	Serious	24
July 12	American Seating Co	Grand Rapids	P. Cyizota	28	Yes	Yes	No	Severe	18
Jan. 11	Au Sable Electric Co	Grand Rapids	C. Bowens	23	No			Slight	5
Jan. 11	Au Sable Electric Co	Grand Rapids	W. Berger	22	No		Yes	Slight	
Jan. 31	Au Sable Electric Co	Grand Rapids	G. Knapp	26	Yes	Yes	Yes	Slight	3
Feb. 7	Au Sable Electric Co	Grand Rapids	L. Gallagher	33	Yes	Yes		Slight	
Mar. 3	Au Sable Electric Co	Grand Rapids	B. Heald	26	No			Slight	2
Mar. 7	Au Sable Electric Co	Grand Rapids	A. Stickney	26	Yes	Yes		Slight	
Mar. 12	Au Sable Electric Co	Grand Rapids	F. Gilsick		No			Slight	
Mar. 28	Au Sable Electric Co	Grand Rapids	L. Rich	30	Yes	Yes		Slight	
April 28	Au Sable Electric Co	Grand Rapids	W. Berger	22	Yes	Yes		Slight	
July 2	Au Sable Electric Co	Grand Rapids	J. Butler		Yes	Yes	Yes	Slight	
July 16	Au Sable Electric Co	Grand Rapids	M. Monna	32	Yes	Yes	Yes	Severe	26
July 17	Au Sable Electric Co	Grand Rapids	W. Cowles	39	Yes	Yes		Slight	
July 19	Au Sable Electric Co	Grand Rapids	L. Rich	29	Yes	Yes	Yes	Slight	3
July 21	Au Sable Electric Co	Grand Rapids	F. Smith	22	Yes	Yes	Yes	Slight	
Aug. 7	Au Sable Electric Co	Grand Rapids	G. Keech	37	Yes	Yes	Yes	Slight	
Aug. 8	Au Sable Electric Co	Grand Rapids	E. Maisey	21	Yes	Yes		Slight	
Aug. 27	Au Sable Electric Co	Grand Rapids	P. Mooney	27	Yes	Yes		Slight	1
Aug. 29	Au Sable Electric Co	Grand Rapids	O. Poole	29	Yes	Yes	Yes	Slight	3
Sept. 8	Au Sable Electric Co	Grand Rapids	W. Stover	35	Yes	Yes	Yes	Slight	7
Oct. 10	Au Sable Electric Co	Grand Rapids	C. Bowens	24	Yes	Yes	Yes	Slight	3
Oct. 9	Au Sable Electric Co	Grand Rapids	E. Rhody	40	Yes	Yes	Yes	Slight	20
Dec. 27	Barclay, Ayers & Bertsch Co	Grand Rapids	R. Waltz	64	No		No	Severe	49
Aug. 7	W. A. Bates Wood Turning Co	Grand Rapids	G. Diel	25	Yes	Yes	No	Severe	6
July 28	Battjes Fuel & Building Material Co	Grand Rapids	E. Battjes	54				Severe	21
July 10	W. A. Berkey Furniture Co	Grand Rapids	G. Kitchpaw	54	Yes	Yes	Yes	Severe	21
Sept. 3	A. Black & Son	Grand Rapids	J. Gillies	38	No		No	Severe	30
Aug. 15	Brown & Sehler Co	Grand Rapids	C. Zeinke	46	Yes	Yes	No	Slight	6
Oct. 31	Butterworth & Lowe	Grand Rapids	W. Schneider	25	No			Slight	11
Dec. 14	Butterworth & Lowe	Grand Rapids	P. D'Archangeli	23	No			Slight	4
Jan. 28	Butterworth & Lowe	Grand Rapids	A. Tyler	28	No			Severe	21
Mar. 21	Butterworth & Lowe	Grand Rapids	P. Firlick	27	No			Slight	14
Mar. 28	Butterworth & Lowe	Grand Rapids	Chas. Davis	48	Yes	No	No	Severe	10

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	KENT CO.—*Con.*								
July 30	Citizens Telephone Co	Grand Rapids	D. Huhn	20	No		No	Slight	3
Sept.	Citizens Telephone Co	Grand Rapids	P. Bergeron	65	No		No	Slight	
Sept. 13	Citizens Telephone Co	Grand Rapids	J. Dodge	42	Yes	Yes	No	Severe	9
Oct. 11	Citizens Telephone Co	Grand Rapids	D. Brown	20	Yes	Yes	No	Severe	20
June 28	Couple-Gear Freight-Wheel Co	Grand Rapids	E. Stoughton	34	No		No	Slight	7
July 21	Couple-Gear Freight-Wheel Co	Grand Rapids	H. Johnson	23	No		No	Slight	7
April 22	Dahm & Kiefer Tanning Co	Grand Rapids	M. Jokabosky	32	Yes	Yes	Yes	Fatal	
May 8	Diamond Steel Truck Co	Grand Rapids	R. Buckingham	17	Yes	Yes	Yes	Severe	28
May 6	Eastern Michigan Power Co	Grand Rapids	W. Maltby	21	No			Slight	
July 12	Eastern Michigan Power Co	Grand Rapids	W. Lane	40	No			Slight	
Jan. 13	Eastern Michigan Power Co	Grand Rapids	C. Day	24	Yes	Yes	Yes	Slight	
June 30	Eastern Michigan Power Co	Grand Rapids	W. Cross	16	No		Yes	Slight	5
July 2	Eastern Michigan Power Co	Grand Rapids	M. Krafsick	32	No		Yes	Slight	6
July 16	Eastern Michigan Power Co	Grand Rapids	A. Pensotti	32	No		Yes	Slight	3
July 18	Eastern Michigan Power Co	Grand Rapids	F. Ward	22	No		Yes	Slight	
Aug. 8	Eastern Michigan Power Co	Grand Rapids	A. Pensotti	32	No			Slight	
Aug. 25	Eastern Michigan Power Co	Grand Rapids	G. Johnson	36	No		Yes	Slight	1
Aug. 25	Eastern Michigan Power Co	Grand Rapids	N. Millman	65	No		Yes	Severe	28
Sept. 5	Eastern Michigan Power Co	Grand Rapids	A. Gayer	24	No			Slight	1
Sept. 15	Eastern Michigan Power Co	Grand Rapids	G. Wensel	23	No			Slight	3
Oct. 9	Eastern Michigan Power Co	Grand Rapids	G. Francisco	25	No		Yes	Slight	
Oct. 16	Eastern Michigan Power Co	Grand Rapids	S. Koter	30	No		Yes	Slight	2
July 13	Elliott Machine Co	Grand Rapids	R. Jorgeleit	17	Yes	Yes	Yes	Severe	14
Oct. 8	Elliott Machine Co	Grand Rapids	W. Seevrey	51	Yes	Yes	Yes	Severe	14
May 5	Etheridge Printing Co	Grand Rapids	E. Kellogg	18	Yes	Yes	No	Serious	21
Dec. 2	Fox Typewriter Co	Grand Rapids	S. Tesseiene	24	Yes	Yes	Yes	Slight	29
Feb. 17	Fox Typewriter Co	Grand Rapids	F. Reabel	27	Yes	Yes	Yes	Slight	8
Nov. 1	Grand Rapids Brass Co	Grand Rapids	F. Winegar	26	No		Yes	Slight	17
Jan. 20	Grand Rapids Brass Co	Grand Rapids	F. Parbel	18	Yes	Yes	Yes	Slight	8
May 21	Grand Rapids Brass Co	Grand Rapids	N. Swart	34	No		Yes	Slight	14
Jan. 24	Grand Rapids & Indiana Ry. Co	Grand Rapids	A. Dutmers	50	No		No	Serious	90
May 31	Grand Rapids & Indiana Ry. Co	Grand Rapids	H. Woridergern	27	No		Yes	Serious	60
June 30	Grand Rapids & Indiana Ry. Co	Grand Rapids	W. Feeney	41	No		Yes	Severe	30
Aug. 14	Grand Rapids & Indiana Ry. Co	Grand Rapids	W. Breen	29	No		No	Fatal	
Aug. 27	Grand Rapids Lumber Co	Grand Rapids	S. Workinge	40	Yes	Yes	Yes	Fatal	
Oct. 19	Grand Rapids Malleable Iron Wks	Grand Rapids	J. Pogosmiski	44	Yes	Yes	No	Slight	24
Jan. 9	Grand Rapids-Muskegon Power Co	Grand Rapids	J. Bartholic	50	No		Yes	Severe	14
Feb. 21	Grand Rapids-Muskegon Power Co	Grand Rapids	C. Gunn	29	No			Slight	
Feb. 28	Grand Rapids-Muskegon Power Co	Grand Rapids	W. Cook	22	No			Slight	
Mar. 12	Grand Rapids-Muskegon Power Co	Grand Rapids	O. Curtis	29	No		Yes	Slight	9
Mar. 29	Grand Rapids-Muskegon Power Co	Grand Rapids	F. Lavigne	33	No		Yes	Slight	2
April 30	Grand Rapids-Muskegon Power Co	Grand Rapids	A. Currier	27	No		Yes	Slight	10
June 25	Grand Rapids-Muskegon Power Co	Grand Rapids	G. Vandermeer	39	No			Slight	
Aug. 1	Grand Rapids-Muskegon Power Co	Grand Rapids	R. Vandenbosch	23	No			Slight	
Aug. 16	Grand Rapids-Muskegon Power Co	Grand Rapids	V. Sanford	32	No			Slight	2
April 19	Grand Rapids Piano Case Co	Grand Rapids	N. Veenkamp	26	Yes	Yes	No	Slight	8
Feb. 21	Grand Rapids Refrigerator Co	Grand Rapids	C. Groenendal	52	No		No	Slight	16
April 4	Grand Rapids Refrigerator Co	Grand Rapids	R. Hull	18	Yes	Yes	Yes	Severe	41
May 21	Grand Rapids Refrigerator Co	Grand Rapids	N. Conrad	54	No		No	Severe	13
June 6	Grand Rapids Refrigerator Co	Grand Rapids	F. Swift	55	Yes	Yes	Yes	Serious	21
Oct. 28	Grand Rapids Refrigerator Co	Grand Rapids	G. VanDerVeen	38	Yes	Yes	Yes	Serious	60
Nov. 19	Grand Rapids Refrigerator Co	Grand Rapids	F. Carlton	46	Yes	No	No	Serious	35
Dec. 21	Grand Rapids Refrigerator Co	Grand Rapids	S. Klyn	30	Yes	Yes	No	Slight	9
Dec. 26	Grand Rapids Refrigerator Co	Grand Rapids	C. Blish	22	No		No	Slight	9
June 14	Grand Rapids Sheraton Furniture Co	Grand Rapids	H. Heideman	31	Yes	Yes	No	Severe	30

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	KENT CO.—*Con.*								
Aug. 28	Grand Rapids Veneer Works	Grand Rapids.	T. Host	18	Yes	Yes	No	Slight	6
Oct. 16	Grand Rapids Veneer Works	Grand Rapids.	T. Vietch	36	Yes	Yes	No	Slight	6
Dec. 30	Grand Rapids Veneer Works	Grand Rapids.	P. DeGlopper	47	Yes	Yes	No	Slight	8
Jan. 24	Grand Rapids Veneer Works	Grand Rapids.	C. Mosier	54	Yes	Yes	Yes	Severe	10
Feb. 3	Grand Rapids Veneer Works	Grand Rapids.	P. Rood	28	No	.....	No	Serious	30
May 16	Grand Rapids Veneer Works	Grand Rapids.	M. Seibel	17	Yes	Yes	Yes	Slight	6
April 8	Grand Rapids Wood Finishing Co	Grand Rapids.	C. McGuire	40	.....	.....	Yes	Severe	13
May 13	Gunn Furniture Co	Grand Rapids.	C. Hyma	34	Yes	Yes	No	Slight	14
Aug. 20	Haney School Furniture Co	Grand Rapids.	F. Sain	18	Yes	Yes	No	Severe	18
Aug. 27	Haney School Furniture Co	Grand Rapids.	L. Belhiemer	17	Yes	Yes	Yes	Severe	12
Jan. 6	F. J. Harring Co	Grand Rapids.	F. Harring	48	Yes	Yes	Yes	Slight	.....
May 22	Hardware Supply Co	Grand Rapids.	C. Kowalski	17	Yes	Yes	Yes	Slight	20
Nov. 14	W. C. Hopson Co	Grand Rapids.	I. Allyn	30	No	.....	.....	Severe	78
June 4	W. C. Hopson Co	Grand Rapids.	S. Siegers	17	Yes	Yes	Yes	Severe	52
June 19	W. C. Hopson Co	Grand Rapids.	C. Thompson	53	Yes	No	No	Severe	60
Sept. 21	Keeler Brass Co	Grand Rapids.	O. Smith	18	Yes	Yes	No	Slight	3
Oct. 28	Keeler Brass Co	Grand Rapids.	H. VanderLaan	19	No	.....	.....	Slight	5
Nov. 16	Keeler Brass Co	Grand Rapids.	J. Quint	18	Yes	Yes	No	Slight	5
Dec. 6	Keeler Brass Co	Grand Rapids.	J. Horeivoets	19	Yes	Yes	No	Severe	14
Dec. 10	Keeler Brass Co	Grand Rapids.	A. Winterhalter	19	Yes	Yes	Yes	Slight	8
Dec. 24	Keeler Brass Co	Grand Rapids.	Russel Pike	22	Yes	Yes	Yes	Severe	7
Mar. 4	Keeler Brass Co	Grand Rapids	H. Klashorst	28	No	.....	Yes	Severe	10
Mar. 24	Keeler Brass Co	Grand Rapids.	W. VanderMolen	17	No	.....	.....	Slight	7
June 10	Keeler Brass Co	Grand Rapids.	W. Dupree	26	Yes	Yes	No	Severe	21
June 11	Keeler Brass Co	Grand Rapids.	D. Thomas	29	Yes	Yes	No	Severe	14
May 7	Kindel Bed Co	Grand Rapids.	G. Borch	18	Yes	No	Yes	Severe	21
May 23	Kindel Bed Co	Grand Rapids	J. McDowell	28	Yes	Yes	No	Severe	16
April 11	Klise Mfg. Co	Grand Rapids.	J. VanderWende	36	Yes	No	No	Severe	21
Nov. 26	Lewis Electric Co	Grand Rapids.	G. Thorpe	30	No	.....	No	Severe	23
June 19	Lubeity Bros	Grand Rapids.	B. Marbitz	45	.....	.....	Yes	Slight	12
April 19	Metal Office Furniture Co	Grand Rapids.	C. Strauss	25	Yes	Yes	Yes	Serious	37
Nov. 25	Michigan Chair Co	Grand Rapids.	A. Smith	38	No	.....	Yes	Severe	21
May 17	Michigan Chair Co	Grand Rapids.	J. Smeading	17	Yes	Yes	No	Slight	5
Nov. 22	Michigan Desk Co	Grand Rapids.	R. Cole	25	Yes	No	No	Severe	30
Feb. 11	Michigan Desk Co	Grand Rapids.	N. Bergleins	30	Yes	Yes	No	Severe	35
Oct. 1	Nicklin Print Shop	Grand Rapids.	G. Wolf	16	Yes	Yes	Yes	Severe	15
Oct. 13	Nichols & Cox Lumber Co	Grand Rapids.	W. Dill	35	Yes	No	No	Serious	28
Oct. 29	Nichols & Cox Lumber Co	Grand Rapids.	S. Dickinson	67	No	.....	No	Serious	300
Mar. 8	Nichols & Cox Lumber Co	Grand Rapids.	G. Frienstra	23	Yes	Yes	Yes	Severe	21
April 10	Nichols & Cox Lumber Co	Grand Rapids.	C. Martin	37	No	.....	Yes	Slight	5
May 20	Nichols & Cox Lumber Co	Grand Rapids.	C. Lilebury	23	Yes	Yes	Yes	Severe	21
April 9	Oriel Cabinet Co	Grand Rapids.	H. Verlrage	32	Yes	Yes	No	Slight	5
June 16	Oriel Cabinet Co	Grand Rapids.	M. Bloomquist	19	Yes	Yes	Yes	Severe	56
July 16	Oriel Cabinet Co	Grand Rapids.	N. Okker	50	Yes	Yes	Yes	Slight	17
May 3	Perkins & Co	Grand Rapids.	B. Jackwitsz	45	No	.....	No	Severe	10
June 2	Perkins & Co	Grand Rapids.	J. Witte	19	Yes	Yes	Yes	Severe	.....
Feb. 1	Phoenix Furniture Co	Grand Rapids.	M. Baker	29	Yes	Yes	Yes	Slight	6
April 11	Phoenix Furniture Co	Grand Rapids.	W. Diel	47	No	Yes	Yes	Slight	6
May 14	Phoenix Furniture Co	Grand Rapids.	C. Hoge	25	Yes	Yes	No	Slight	6
Feb. 13	Ponce De Leon Water Co	Grand Rapids.	C. Blaine	70	.....	.....	No	Severe	15
Mar. 15	C. O. Porter Machinery Co	Grand Rapids.	O. McLean	46	Yes	Yes	Yes	Severe	24
May 16	Powell Mfg. Co	Grand Rapids.	H. Nowak	22	Yes	Yes	Yes	Severe	60
June 2	Powell Mfg. Co	Grand Rapids.	E. Credit	22	Yes	No	No	Severe	45
Feb. 10	Powers-Tyson Printing Co	Grand Rapids.	W. Kline	19	Yes	Yes	Yes	Slight	6
Dec. 19	Retting Furniture Co	Grand Rapids.	E. Fernberg	40	Yes	Yes	Yes	Severe	23
Aug. 13	C. E. Robinson & Sons	Grand Rapids.	M. Rose	23	Yes	Yes	Yes	Severe	16
Mar. 29	Security Transfer Co	Grand Rapids.	P. Fullmer	50	.....	.....	Yes	Severe	90
Feb. 6	Snyder Furniture Co	Grand Rapids.	W. Kinney	32	Yes	Yes	No	Severe	35
Mar. 18	Snyder Furniture Co	Grand Rapids.	H. Rieger	29	Yes	Yes	No	Slight	12
April 7	F. J. Sokup	Grand Rapids.	J. Gracey	51	No	.....	Yes	Severe	40

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	KENT CO.—*Con.*								
Feb. 3	Stiles Bros	Grand Rapids	F. Reamer	45	No		Yes	Severe	35
Mar. 5	Stiles Bros	Grand Rapids	B. Peckham	38	Yes	Yes	No	Serious	109
May 5	Stiles Bros	Grand Rapids	O. Anderson	35	Yes	No	No	Severe	34
Jan. 15	Superior Laundry	Grand Rapids	T. DeWitt	20	Yes	Yes	Yes	Severe	30
Oct. 12	Tannevits Machine Co	Grand Rapids	L. Wilkowski	23	Yes	Yes	No	Severe	36
Mar. 5	Waddell Mfg. Co	Grand Rapids	W. Olanski	17	Yes	Yes	Yes	Severe	42
May 14	Waddell Mfg. Co	Grand Rapids	O. Hage	20	Yes	Yes	No	Slight	6
July 10	Waddell Mfg. Co	Grand Rapids	L. Campbell	18	No		Yes	Slight	7
Jan. 10	Wallin Leather Co	Grand Rapids	B. Hanson	19	No		Yes	Severe	60
Feb. 12	Water Works	Grand Rapids	O. Allison	28	Yes	Yes	No	Serious	111
Nov. 5	Watkins & Higgins Milling Co	Grand Rapids	H. Wright	35	Yes	Yes	Yes	Slight	14
May 5	West Side Iron Works	Grand Rapids	R. Sandan	35	Yes	Yes	Yes	Slight	6
June 3	West Side Iron Works	Grand Rapids	R. Sandan	35	Yes	Yes	Yes	Slight	5
Nov. 23	Wilmarth & Morman	Grand Rapids	F. Noveski	30	No			Slight	22
Jan. 27	Wilmarth & Morman	Grand Rapids	J. Wordello	35	Yes	No	No	Slight	7
Feb. 22	Wilmarth & Morman	Grand Rapids	D. Hockstra	27	No		No	Slight	30
Oct. 1	Wolverine Brass Works	Grand Rapids	E. Randall	32	No		No	Severe	21
Oct. 21	Wolverine Brass Works	Grand Rapids	W. Porter	22	Yes	Yes	Yes	Severe	8
Nov. 5	Wolverine Brass Works	Grand Rapids	W. Brooks	32	No			Serious	66
Dec. 10	Wolverine Brass Works	Grand Rapids	P. Duval	34	No		No	Severe	22
Feb. 2	Wolverine Brass Works	Grand Rapids	J. Hitesman	32	Yes	Yes	Yes	Slight	8
June 16	Wolverine Brass Works	Grand Rapids	S. Wroblinski	28	No			Severe	21
June 19	Wolverine Brass Works	Grand Rapids	J. Green	31	No			Severe	46
July 28	United Weekly Press Association	Grand Rapids	G. Blitt	60				Serious	30
Sept. 24	Valley City Chair Co	Grand Rapids	F. Busse	27	Yes	Yes	Yes	Slight	10
Oct. 15	Valley City Chair Co	Grand Rapids	J. Ahlberg	16	No		No	Slight	12
Nov. 19	Valley City Chair Co	Grand Rapids	E. Lawrence	18	Yes	Yes	No	Slight	10
Dec. 4	Valley City Chair Co	Grand Rapids	F. Spain	19	Yes	Yes	Yes	Slight	10
Feb. 5	Valley City Chair Co	Grand Rapids	H. Moerdyk	18	Yes	Yes	Yes	Slight	12
May 31	Valley City Chair Co	Grand Rapids	E. Strzyeivski	18	Yes	Yes	Yes	Severe	26
July 17	Valley City Chair Co	Grand Rapids	M. Grigan	34	Yes	Yes	Yes	Severe	30
Aug. 8	Valley City Chair Co	Grand Rapids	E. Ball	40	Yes	Yes	No	Severe	14
Sept. 30	Lowell Cutter Co	Grand Rapids	J. Floagus	45	Yes	No	Yes	Severe	15
Oct. 28	Hirth-Krause Co	Rockford	E. Conant	23	Yes	Yes	Yes	Severe	32
Jan. 9	Hirth-Krause Co	Rockford	I. Cadie	22	No		Yes	Slight	11
Jan. 10	Hirth-Krause Co	Rockford	H. Crory	33	Yes	Yes	Yes	Serious	67
July 22	Hirth-Krause Co	Rockford	S. Dean	26	Yes	Yes	No	Slight	5
Sept. 8	Hirth-Krause Co	Rockford	H. Daggett	62	No		No	Serious	60
Sept. 16	Hirth-Krause Co	Rockford	E. Crandall	24	Yes	Yes	No	Slight	6
Dec. 7	Holmes Machine Mfg. Co	Sparta	J. Greene	21	Yes	Yes	No	Serious	23
May 13	Holmes Machine Mfg. Co	Sparta	F. Fritschka	25	No		No	Severe	27
May 16	Holmes Machine Mfg. Co	Sparta	M. Lang	30	No		No	Serious	37
June 28	Holmes Machine Mfg. Co	Sparta	C. Moon	35	No		No	Severe	23
July 3	Holmes Machine Mfg. Co	Sparta	L. Johnson	50	No		No	Serious	20
July 21	Holmes Machine Mfg. Co	Sparta	S. Kuhn	21	Yes	Yes	No	Severe	15
Aug. 7	Holmes Machine Mfg. Co	Sparta	F. Mertes	26	No		No	Serious	32
Dec. 21	Holmes Machine Mfg. Co	Sparta	B. Brooks	23	No		No	Severe	21
Nov. 9	Welch Mfg. Co	Sparta	A. Holmes	40	Yes	Yes	No	Slight	7
Mar. 22	Welch Mfg. Co	Sparta	J. Kerways	22	Yes	Yes	No	Severe	16
Mar. 26	Welch Mfg. Co	Sparta	G. Anders	22	Yes	No	No	Serious	60
April 1	Welch Mfg. Co	Sparta	C. Cole	36	No		No	Serious	180
April 29	Welch Mfg. Co	Sparta	M. Anders	30	No		No	Severe	10
Aug. 21	Welch Mfg. Co	Sparta	L. Maceyewski	17	Yes	Yes	No	Severe	7
	LAPEER COUNTY.								
Aug. 18	Marshall Bros	Imlay City	H. Anderson	60	Yes	Yes	No	Slight	7

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Record of accidents given by counties, etc.—Continued.

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	LENAWEE COUNTY.								
June 30	Acme Preserve Co	Adrian	I. Shaffer	65	No		No	Slight	12
Oct. 21	Acme Preserve Co	Adrian	R. Connett	66	Yes	Yes	No	Serious	20
Oct. 23	Acme Preserve Co	Adrian	M. Harper	65	No		No	Slight	22
Jan. 6	Adrian Wire Fence Co	Adrian	B. Nichols	35	Yes	Yes	No	Slight	....
Mar. 11	Adrian Wire Fence Co	Adrian	M. Carey	32	No		No	Serious	....
Sept. 23	Adrian Wire Fence Co	Adrian	C. Krais	32	Yes		Yes	Severe	....
Nov. 7	Adrian Wire Fence Co	Adrian	D. Sherman	40	Yes	Yes	No	Fatal	....
Sept. 15	Clark Basket Factory	Adrian	C. McKinney	21	Yes	Yes	Yes	Slight	14
June 6	Maple City Granite Co	Adrian	P. Schrence	27	No		No	Severe	56
Aug. 7	Page Woven Wire Fence Co	Adrian	C. Greiwahn	63	No		No	Serious	115
May 6	Peerless Fence Co	Adrian	S. Collett	34	Yes	Yes	Yes	Slight	7
Sept. 14	Peerless Fence Co	Adrian	W. Frederick	28	Yes	Yes	Yes	Slight	14
Jan. 8	Peerless Fence Co	Adrian	G. Willnow	60	No			Slight	23
Feb. 18	Peerless Fence Co	Adrian	E. Hassett	20	Yes	Yes	No	Slight	23
Feb. 26	Peerless Wire Fence Co	Adrian	R. Bringman	29	Yes	Yes	No	Severe	32
June 4	Peerless Wire Fence Co	Adrian	F. Fish	42	No			Severe	82
Aug. 5	Peerless Wire Fence Co	Adrian	A. Hamlin	59	Yes	Yes		Fatal	....
Aug. 18	Peerless Wire Fence Co	Adrian	N. Graham	42	No		No	Severe	42
Nov. 4	Peerless Wire Fence Co	Adrian	T. Isaacson	22	Yes	Yes	No	Severe	30
Nov. 5	Peerless Wire Fence Co	Adrian	J. Betz	50	Yes	Yes	No	Severe	25
Nov. 24	Peerless Wire Fence Co	Adrian	W. Lawrence	59	No			Slight	15
Mar. 7	F. W. Prentice & Co	Adrian	R. Wilmouth	25	No		No	Serious	....
Oct. 2	The Continental Sugar Co	Blissfield	B. Cook	32	No		Yes	Severe	20
Nov. 14	The Continental Sugar Co	Blissfield	C. Kemberling	21	No		Yes	Slight	4
Nov. 26	The Continental Sugar Co	Blissfield	O. Hueter	21	No		Yes	Slight	8
Dec. 8	The Continental Sugar Co	Blissfield	H. Lamley	22	Yes	Yes	Yes	Severe	45
Dec. 24	The Continental Sugar Co	Blissfield	J. Cooper	47	Yes	Yes	Yes	Severe	42
Jan. 14	The Continental Sugar Co	Blissfield	W. Miller	21	No		No	Serious	75
Jan. 14	The Continental Sugar Co	Blissfield	F. Reynolds	41	No		No	Serious	75
Aug. 15	The Continental Sugar Co	Blissfield	J. Macham	24	Yes	Yes	No	Slight	15
Oct. 4	The Continental Sugar Co	Blissfield	M. Martino	25	No		No	Slight	4
Oct. 8	The Continental Sugar Co	Blissfield	G. Luther	31	No		Yes	Severe	14
Oct. 9	The Continental Sugar Co	Blissfield	A. Vaughn	18	Yes	Yes	Yes	Severe	....
Nov. 14	The Continental Sugar Co	Blissfield	C. Doboleska	28	No		Yes	Severe	30
Nov. 25	The Continental Sugar Co	Blissfield	C. Davis	30	Yes	Yes	Yes	Slight	....
Nov. 27	The Continental Sugar Co	Blissfield	J. Fountain	48	No		Yes	Severe	15
Nov. 28	The Continental Sugar Co	Blissfield	J. Rouget	22	Yes	Yes	Yes	Severe	10
Dec. 11	Peninsular Portland Cement Co	Cement City	E. McConnell	19	Yes	Yes	No	Serious	30
Jan. 7	Peninsular Portland Cement Co	Cement City	J. Smith	33	No		No	Serious	75
Oct. 1	Peninsular Portland Cement Co	Cement City	A. Ankin	40	No		No	Slight	45
Feb. 18	Helvetia Milk Condensing Co	Hudson	T. Lace	24	Yes	Yes	No	Slight	4
Feb. 23	Helvetia Milk Condensing Co	Hudson	E. Meyer	26	Yes	Yes	No	Severe	14
April 9	Helvetia Milk Condensing Co	Hudson	B. McQueen	21	Yes	Yes	No	Slight	2
May 16	Helvetia Milk Condensing Co	Hudson	S. Rinehart	58	Yes	Yes	Yes	Slight	14
May 16	Helvetia Milk Condensing Co	Hudson	J. Crisp	62	Yes	Yes	No	Severe	7
May 26	Helvetia Milk Condensing Co	Hudson	G. Sterling	61	Yes	Yes	No	Slight	3
July 18	Helvetia Milk Condensing Co	Hudson	F. Johnson	52	Yes	Yes	Yes	Slight	14
Aug. 5	Helvetia Milk Condensing Co	Hudson	O. Mojonnier	26	Yes	Yes	No	Slight	7
Oct. 29	Helvetia Milk Condensing Co	Hudson	T. Terrell	16	Yes	Yes	No	Slight	....
Nov. 10	Helvetia Milk Condensing Co	Hudson	E. Barkway	22	Yes	Yes	No	Slight	20
Aug. 1	The Ohio Dairy Co	Morenci	P. Inghram	21	Yes	Yes	Yes	Severe	30
June 17	H. Brewer & Co	Tecumseh	S. Richards	34	No		No	Serious	90
Jan. 31	Uncle Sam's Macaroni Co	Tecumseh	T. Lanni	35	Yes	Yes	Yes	Slight	....
Nov. 11	Uncle Sam's Macaroni Co	Tecumseh	V. Moody	45	No		No	Slight	6
	LIVINGSTON COUNTY.								
Mar. 10	National Food Products Co	Brighton	F. Robbins	22	Yes	Yes	No	Severe	75
Mar. 10	National Food Products Co	Brighton	D. Stewart	42	Yes	Yes	No	Serious	49
Mar. 10	National Food Products Co	Brighton	R. Pepp	36	Yes	Yes	No	Severe	150

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	LUCE COUNTY.								
1912									
Mar. 16	South Shore Cedar Co	Dollarville	G. Brant	32	No		No	Slight	4
Aug. 7	South Shore Cedar Co	Dollarville	N. Case	35	Yes		No	Slight	3
Sept. 10	South Shore Cedar Co	Dollarville	P. Harhon		No		No	Serious	27
Oct. 14	South Shore Cedar Co	Dollarville	M. Gleason	60	Yes	No	Yes	Severe	7
Oct. 7	Lake Superior Iron & Chemical Co	Newberry	O. Winters	26	Yes	Yes	No	Severe	10
Oct. 7	Lake Superior Iron & Chemical Co	Newberry	L. Thomas	27	No		No	Slight	
Oct. 10	Lake Superior Iron & Chemical Co	Newberry	J. Skope	20	No		No	Severe	13
Oct. 12	Lake Superior Iron & Chemical Co	Newberry	A. Tusla	35	No		No	Severe	7
Oct. 12	Lake Superior Iron & Chemical Co	Newberry	J. Lurkis	18	No		No	Severe	6
Oct. 14	Lake Superior Iron & Chemical Co	Newberry	T. Ryan	48	No		No	Slight	5
Oct. 16	Lake Superior Iron & Chemical Co	Newberry	S. Sweet	28	No		No	Severe	6
Oct. 17	Lake Superior Iron & Chemical Co	Newberry	B. Mullens	31	Yes	Yes	No	Slight	
Oct. 21	Lake Superior Iron & Chemical Co	Newberry	C. Johnston	40	No		No	Slight	
Oct. 29	Lake Superior Iron & Chemical Co	Newberry	J. Lanner	28	No		No	Slight	
Nov. 1	Lake Superior Iron & Chemical Co	Newberry	A. Erekson	38	Yes	Yes	No	Severe	17
Nov. 2	Lake Superior Iron & Chemical Co	Newberry	N. Carr	54	Yes		No	Slight	
Nov. 3	Lake Superior Iron & Chemical Co	Newberry	J. Brown	53	No		No	Severe	15
Nov. 4	Lake Superior Iron & Chemical Co	Newberry	M. Heins	30	No		No	Slight	5
Nov. 5	Lake Superior Iron & Chemical Co	Newberry	W. Talboy	28	No		No	Slight	1
Nov. 6	Lake Superior Iron & Chemical Co	Newberry	P. Erma	19	No		No	Slight	2
Nov. 9	Lake Superior Iron & Chemical Co	Newberry	J. Murphy	29	No		No	Slight	
Nov. 15	Lake Superior Iron & Chemical Co	Newberry	P. Ramanick	32	No		No	Slight	5
Nov. 17	Lake Superior Iron & Chemical Co	Newberry	W. Clauson	36	Yes	Yes	No	Severe	10
Nov. 18	Lake Superior Iron & Chemical Co	Newberry	B. Saracen	30	No		No	Slight	1
Nov. 18	Lake Superior Iron & Chemical Co	Newberry	W. Stamper	36	No		No	Severe	10
Nov. 20	Lake Superior Iron & Chemical Co	Newberry	N. Nesnei	49	No		No	Severe	51
Nov. 20	Lake Superior Iron & Chemical Co	Newberry	M. Walsh	65	No		No	Severe	24
Nov. 20	Lake Superior Iron & Chemical Co	Newberry	A. Thompson	37	No		No	Severe	18
Nov. 21	Lake Superior Iron & Chemical Co	Newberry	C. Hooker	18	No		No	Slight	3
Nov. 23	Lake Superior Iron & Chemical Co	Newberry	J. Neorin	31	No		No	Severe	12
Nov. 24	Lake Superior Iron & Chemical Co	Newberry	G. Peterson	40	Yes	Yes	No	Slight	
Nov. 28	Lake Superior Iron & Chemical Co	Newberry	W. Closkey	20	No		No	Slight	3
Nov. 29	Lake Superior Iron & Chemical Co	Newberry	P. Anderson	39	No		No	Slight	5
Nov. 29	Lake Superior Iron & Chemical Co	Newberry	W. Bergman	16	No		No	Slight	6
Dec. 2	Lake Superior Iron & Chemical Co	Newberry	C. Blainkenskey	16	Yes	No	No	Slight	
Dec. 6	Lake Superior Iron & Chemical Co	Newberry	M. Heines	36	No		No	Serious	56
Dec. 6	Lake Superior Iron & Chemical Co	Newberry	D. Vieto	19	No		No	Severe	20
Dec. 7	Lake Superior Iron & Chemical Co	Newberry	E. Martin	32	No		No	Severe	16
Dec. 10	Lake Superior Iron & Chemical Co	Newberry	L Beaubien	52	No		No	Severe	15
Dec. 11	Lake Superior Iron & Chemical Co	Newberry	E. Russell	29	No		No	Slight	1
Dec. 11	Lake Superior Iron & Chemical Co	Newberry	M. Sarkowski	30	No		No	Severe	4
Dec. 13	Lake Superior Iron & Chemical Co	Newberry	M. Healman	23	No		No	Severe	5
Dec. 14	Lake Superior Iron & Chemical Co	Newberry	S. Priness	30	Yes	No	No	Slight	1
Dec. 14	Lake Superior Iron & Chemical Co	Newberry	F. Lockhoff	64	Yes	Yes	No	Severe	5
Dec. 16	Lake Superior Iron & Chemical Co	Newberry	J. Jeritta	33	No		No	Slight	3
Dec. 16	Lake Superior Iron & Chemical Co	Newberry	P. Hamilton	18	No		No	Slight	2
Dec. 16	Lake Superior Iron & Chemical Co	Newberry	G. McRoberts	60	No		No	Severe	5
Dec. 16	Lake Superior Iron & Chemical Co	Newberry	E. Pell	22	No		No	Severe	4
Dec. 24	Lake Superior Iron & Chemical Co	Newberry	H. Lilk	21	No		No	Slight	5
Dec. 26	Lake Superior Iron & Chemical Co	Newberry	A. Deckomer	28	No		No	Severe	10
Dec. 27	Lake Superior Iron & Chemical Co	Newberry	G. Peterson	22	No		No	Slight	2
Dec. 29	Lake Superior Iron & Chemical Co	Newberry	C. Whole	18	No		No	Severe	12
Dec. 30	Lake Superior Iron & Chemical Co	Newberry	H. Arlo	25	No		No	Severe	10

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	LUCE CO.—*Con.*								
1913									
Jan. 1	Lake Superior Iron & Chemical Co.	Newberry	P. Jay	26	No		No	Severe	10
Jan. 6	Lake Superior Iron & Chemical Co.	Newberry	W. Liberty	19	No		No	Severe	7
Jan. 6	Lake Superior Iron & Chemical Co.	Newberry	M. Nits	26	No		No	Severe	8
Jan. 9	Lake Superior Iron & Chemical Co.	Newberry	F. Luota	26	No		No	Severe	13
Jan. 9	Lake Superior Iron & Chemical Co.	Newberry	M. Kushner	37	No		No	Severe	10
Jan. 14	Lake Superior Iron & Chemical Co.	Newberry	E. Tilk	50	No		No	Severe	5
Jan. 14	Lake Superior Iron & Chemical Co.	Newberry	K. McCalbe	31	No		No	Slight	2
Jan. 18	Lake Superior Iron & Chemical Co.	Newberry	L. Redmond	23	No		No	Slight	1
Jan. 19	Lake Superior Iron & Chemical Co.	Newberry	A. Westman	33	No		No	Severe	3
Jan. 19	Lake Superior Iron & Chemical Co.	Newberry	M. Kampala	30	Yes	Yes	No	Slight	1
Jan. 21	Lake Superior Iron & Chemical Co.	Newberry	C. Makie	30	No		No	Slight	2
Jan. 22	Lake Superior Iron & Chemical Co.	Newberry	P. Swanson	22	No		No	Severe	4
Jan. 22	Lake Superior Iron & Chemical Co.	Newberry	C. Johnson	39	No		No	Severe	7
Jan. 24	Lake Superior Iron & Chemical Co.	Newberry	B. Hooker	22	Yes	Yes	No	Slight	4
Jan. 28	Lake Superior Iron & Chemical Co.	Newberry	F. Davern	40	Yes	No	No	Severe	5
Jan. 28	Lake Superior Iron & Chemical Co.	Newberry	G. Nishowki	32	No		No	Slight	1
Jan. 29	Lake Superior Iron & Chemical Co.	Newberry	J. Hammond	29	Yes	Yes	No	Slight	1
Jan. 31	Lake Superior Iron & Chemical Co.	Newberry	J. Sarunks	45	No		No	Severe	10
Jan. 31	Lake Superior Iron & Chemical Co.	Newberry	A. Johnson	28	No		No	Severe	7
Feb. 4	Lake Superior Iron & Chemical Co.	Newberry	M. Koski	32	No		No	Severe	6
Feb. 10	Lake Superior Iron & Chemical Co.	Newberry	J. Hunt	40	Yes	Yes	No	Slight	1
Feb. 12	Lake Superior Iron & Chemical Co.	Newberry	G. Peterson	47	No		No	Severe	15
Feb. 12	Lake Superior Iron & Chemical Co.	Newberry	J. Goodfellow	45	No		No	Slight	5
Feb. 12	Lake Superior Iron & Chemical Co.	Newberry	E. Kitaki	18	No		No	Slight	3
Feb. 15	Lake Superior Iron & Chemical Co.	Newberry	G. Anderson	50	No		No	Severe	4
Feb. 15	Lake Superior Iron & Chemical Co.	Newberry	R. Niles	21	No		No	Severe	10
Feb. 15	Lake Superior Iron & Chemical Co.	Newberry	G. Nishowk	39	No		No	Severe	12
Feb. 18	Lake Superior Iron & Chemical Co.	Newberry	E. Pomeroville	32	No		No	Severe	16
Feb. 21	Lake Superior Iron & Chemical Co.	Newberry	A. Beach	17	No		No	Slight	1
Feb. 22	Lake Superior Iron & Chemical Co.	Newberry	E. Neoman	35	Yes	Yes	No	Slight	1
Feb. 24	Lake Superior Iron & Chemical Co.	Newberry	M. Hill	49	No		No	Severe	6
Feb. 25	Lake Superior Iron & Chemical Co.	Newberry	J. Kearney	35	Yes	Yes	No	Severe	5
Feb. 25	Lake Superior Iron & Chemical Co.	Newberry	V. Matteson	21	Yes	Yes	No	Severe	6
Feb. 26	Lake Superior Iron & Chemical Co.	Newberry	C. Johnson	39	No		No	Slight	4
Feb. 26	Lake Superior Iron & Chemical Co.	Newberry	A. Makie	24	No		No	Severe	10
Feb. 27	Lake Superior Iron & Chemical Co.	Newberry	J. Compotaki	18	No		No	Slight	3
Feb. 27	Lake Superior Iron & Chemical Co.	Newberry	R. Niles	21	No		No	Slight	2
Mar. 3	Lake Superior Iron & Chemical Co.	Newberry	C. Pansoenen	45	Yes	Yes	No	Severe	7
Mar. 4	Lake Superior Iron & Chemical Co.	Newberry	H. LaVant	23	No		No	Severe	18
Mar. 4	Lake Superior Iron & Chemical Co.	Newberry	R. Beach	22	No		No	Slight	2
Mar. 6	Lake Superior Iron & Chemical Co.	Newberry	A. Murphy	28	No		No	Slight	1
Mar. 7	Lake Superior Iron & Chemical Co.	Newberry	W. Burnett	18	No		No	Slight	2
Mar. 10	Lake Superior Iron & Chemical Co.	Newberry	F. Bruser	40	Yes	Yes	No	Slight	3
Mar. 11	Lake Superior Iron & Chemical Co.	Newberry	J. Olander	24	No		No	Slight	1
Mar. 11	Lake Superior Iron & Chemical Co.	Newberry	D. Kolaska	24	No		No	Severe	4
Mar. 13	Lake Superior Iron & Chemical Co.	Newberry	W. Wott	30	No		No	Slight	2
Mar. 14	Lake Superior Iron & Chemical Co.	Newberry	W. Smith	35	Yes	Yes	No	Slight	4
Mar. 14	Lake Superior Iron & Chemical Co.	Newberry	P. Swanson	23	Yes	Yes	No	Slight	1
Mar. 14	Lake Superior Iron & Chemical Co.	Newberry	J. Olander	21	No		No	Slight	1
Mar. 14	Lake Superior Iron & Chemical Co.	Newberry	J. Lockrell	35	No		No	Slight	14
Mar. 17	Lake Superior Iron & Chemical Co.	Newberry	C. Beeman	....	No		No	Slight	1
Mar. 17	Lake Superior Iron & Chemical Co.	Newberry	W. Maskie	....	Yes	Yes	No	Severe	20
Mar. 19	Lake Superior Iron & Chemical Co.	Newberry	J. Knapp	53	Yes	Yes	No	Slight	2
Mar. 21	Lake Superior Iron & Chemical Co.	Newberry	G. Craft	31	No		No	Severe	10
Mar. 22	Lake Superior Iron & Chemical Co.	Newberry	E. Armbery	34	No		No	Slight	2
Mar. 25	Lake Superior Iron & Chemical Co	Newberry	R. Stevins	17	No		No	Severe	10
Mar. 25	Lake Superior Iron & Chemical Co.	Newberry	A. Rysalti	22	Yes	Yes	No	Slight	2
Mar. 27	Lake Superior Iron & Chemical Co	Newberry	C. Rudd	26	No		No	Slight	3
Mar. 29	Lake Superior Iron & Chemical Co.	Newberry	B. Micheneck	35	No		No	Slight	1
Mar. 29	Lake Superior Iron & Chemical Co	Newberry	H. Kollhoff	30	No		No	Severe	8

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Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	LUCE CO.—*Con.*								
Mar. 29	Lake Superior Iron & Chemical Co..	Newberry....	J. Talkman.....	26	No..	.....	No..	Slight..	2
Mar. 30	Lake Superior Iron & Chemical Co..	Newberry....	I. Makie.....	38	No..	.....	No..	Slight..	2
Mar. 31	Lake Superior Iron & Chemical Co..	Newberry....	B. Calkins.....	19	Yes..	No..	No..	Slight..	2
April 1	Lake Superior Iron & Chemical Co..	Newberry....	C. Sherman.....	34	No..	.....	Yes..	Severe..	10
April 1	Lake Superior Iron & Chemical Co..	Newberry....	E. Taylor.....	25	No..	.....	No..	Serious.	15
April 2	Lake Superior Iron & Chemical Co..	Newberry....	T. Kornski.....	26	No..	.....	No..	Slight..	2
April 3	Lake Superior Iron & Chemical Co..	Newberry....	J. Louner.....	27	No..	.....	No..	Slight..	....
April 4	Lake Superior Iron & Chemical Co..	Newberry....	E. Bensinsler.....	19	Yes..	Yes..	No..	Slight..	3
April 5	Lake Superior Iron & Chemical Co..	Newberry....	J. Troporskek.....	20	No..	.....	No..	Severe..	5
April 7	Lake Superior Iron & Chemical Co.	Newberry....	R. McMichael....	26	No..	.....	No..	Severe..	10
April 7	Lake Superior Iron & Chemical Co..	Newberry....	T. Kula.....	....	No..	.....	No..	Slight..	8
April 9	Lake Superior Iron & Chemical Co..	Newberry....	J. Dohl.....	25	No..	.....	No..	Slight..	2
April 9	Lake Superior Iron & Chemical Co..	Newberry....	F. Beaudin.....	23	Yes..	Yes..	No..	Severe..	5
April 10	Lake Superior Iron & Chemical Co..	Newberry....	A. Lalonde.....	22	No..	.....	No..	Severe..	30
April 11	Lake Superior Iron & Chemical Co..	Newberry....	C. Keifer.....	55	No..	.....	No..	Slight..	....
April 12	Lake Superior Iron & Chemical Co..	Newberry....	P. Regan.....	23	No..	.....	.....	Slight..	1
April 14	Lake Superior Iron & Chemical Co..	Newberry....	A. Norman.....	29	No..	.....	Yes..	Severe..	3
April 15	Lake Superior Iron & Chemical Co..	Newberry....	A. McGinnis.....	30	No..	.....	No..	Slight..	....
April 16	Lake Superior Iron & Chemical Co..	Newberry....	G. McCarty.....	21	No..	.....	No..	Severe..	5
April 18	Lake Superior Iron & Chemical Co..	Newberry....	J. Jahnson.....	20	No..	.....	No..	Slight..	2
April 19	Lake Superior Iron & Chemical Co.	Newberry....	E. Maki.....	28	No..	.....	No..	Slight..	....
April 21	Lake Superior Iron & Chemical Co..	Newberry....	A. Veekala.....	27	No..	.....	No..	Severe..	5
April 22	Lake Superior Iron & Chemical Co..	Newberry....	A. Rug.....	....	No..	.....	No..	Slight..	2
April 24	Lake Superior Iron & Chemical Co..	Newberry....	M. Bock.....	37	No..	.....	No..	Severe..	7
April 24	Lake Superior Iron & Chemical Co..	Newberry....	R. Jaski.....	24	No..	.....	No..	Severe.	5
April 25	Lake Superior Iron & Chemical Co..	Newberry....	R. Ryder.....	20	No..	.....	No..	Severe..	10
April 27	Lake Superior Iron & Chemical Co..	Newberry....	S. Hunt.....	25	Yes..	Yes..	No..	Severe..	8
April 27	Lake Superior Iron & Chemical Co..	Newberry....	S. Srupeck.....	19	No..	.....	No..	Severe..	6
April 29	Lake Superior Iron & Chemical Co..	Newberry....	N. Vashaw.....	36	No..	.....	No..	Slight..	1
April 29	Lake Superior Iron & Chemical Co..	Newberry....	D. Sefpanen.....	29	No..	.....	No..	Severe..	12
April 29	Lake Superior Iron & Chemical Co..	Newberry....	C. Blankenship....	17	Yes..	Yes..	No..	Severe..	10
April 29	Lake Superior Iron & Chemical Co..	Newberry....	W. Mantill.....	41	No..	.....	No..	Severe..	8
May 1	Lake Superior Iron & Chemical Co..	Newberry....	B. Hooker.....	22	No..	.....	No..	Severe..	4
May 7	Lake Superior Iron & Chemical Co..	Newberry....	S. Nelson.....	19	Yes..	Yes..	No..	Severe..	10
May 13	Lake Superior Iron & Chemical Co..	Newberry....	C. Pider.....	28	Yes..	Yes..	No..	Severe..	2
May 13	Lake Superior Iron & Chemical Co..	Newberry....	A. Silosk.....	21	No..	.....	No..	Severe..	10
May 14	Lake Superior Iron & Chemical Co..	Newberry....	J. Gendrow.....	19	No..	.....	No..	Slight..	2
May 15	Lake Superior Iron & Chemical Co..	Newberry....	J. Smith.....	51	Yes..	Yes..	No..	Slight..	6
May 15	Lake Superior Iron & Chemical Co..	Newberry....	J. Sefalk.....	51	No..	.....	No..	Severe..	5
May 16	Lake Superior Iron & Chemical Co..	Newberry....	J. Miller.....	34	No..	.....	No..	Severe.	15
May 17	Lake Superior Iron & Chemical Co..	Newberry....	A. Mohuoren.....	29	Yes..	Yes..	No..	Severe..	13
May 17	Lake Superior Iron & Chemical Co..	Newberry....	F. Lake.....	35	No..	.....	No..	Severe..	10
May 19	Lake Superior Iron & Chemical Co..	Newberry....	A. Oilo.....	29	No..	.....	No..	Severe..	11
May 21	Lake Superior Iron & Chemical Co..	Newberry....	J. Duchie.....	34	No..	.....	No..	Severe..	9
May 23	Lake Superior Iron & Chemical Co..	Newberry....	C. Rohila.....	35	No..	.....	No..	Slight..	3
May 27	Lake Superior Iron & Chemical Co..	Newberry....	J. Masula.....	23	No..	.....	No..	Slight..	3
May 28	Lake Superior Iron & Chemical Co..	Newberry....	G. Peterson.....	31	Yes..	Yes..	No..	Slight..	2
May 28	Lake Superior Iron & Chemical Co..	Newberry....	V. Salo.....	....	No..	.....	No..	Slight..	4
May 29	Lake Superior Iron & Chemical Co..	Newberry....	H. Ward.....	35	No..	.....	No..	Severe..	15
May 29	Lake Superior Iron & Chemical Co..	Newberry....	E. Mivaki.....	17	Yes..	Yes..	Yes..	Severe..	25
June 1	Lake Superior Iron & Chemical Co..	Newberry....	E. Cavanaugh....	20	Yes..	No..	No..	Slight..	4
June 2	Lake Superior Iron & Chemical Co..	Newberry....	P. Gouin.....	50	No..	.....	No..	Serious.	40
June 2	Lake Superior Iron & Chemical Co..	Newberry....	J. Beaudette.....	49	No..	.....	No..	Slight..	5
June 5	Lake Superior Iron & Chemical Co..	Newberry....	C. Blankenship....	20	Yes..	Yes..	No..	Serious.	56
June 6	Lake Superior Iron & Chemical Co..	Newberry....	C. Rudd.....	26	Yes..	Yes..	No..	Severe..	25
June 8	Lake Superior Iron & Chemical Co..	Newberry....	F. McLellan.....	21	No..	.....	No..	Severe..	17
June 8	Lake Superior Iron & Chemical Co..	Newberry....	W. Valentine.....	18	No..	.....	No..	Severe..	5
June 10	Lake Superior Iron & Chemical Co..	Newberry....	H. Lauri.....	50	No..	.....	No..	Severe..	27
June 10	Lake Superior Iron & Chemical Co..	Newberry....	C. McPhee.....	18	Yes..	Yes..	No..	Severe..	12
June 11	Lake Superior Iron & Chemical Co..	Newberry....	E. Ball.....	16	No..	.....	No..	Severe..	18

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disab'ed.
	LUCE CO.—*Con.*								
June 11	Lake Superior Iron & Chemical Co..	Newberry....	W. Beanclaire.....	21	No..	.....	.....	Severe..	14
June 12	Lake Superior Iron & Chemical Co..	Newberry....	G. Anderson.....	51	No..	.....	No..	Severe..	4
June 12	Lake Superior Iron & Chemical Co..	Newberry....	N. Yoki.....	33	No..	.....	No..	Severe..	19
June 13	Lake Superior Iron & Chemical Co..	Newberry....	J. LaMiran.....	58	No..	.....	No..	Severe..	31
June 15	Lake Superior Iron & Chemical Co..	Newberry....	W. Clauson.....	37	Yes..	Yes..	No..	Severe..	25
June 16	Lake Superior Iron & Chemical Co..	Newberry....	G. Huggard.....	24	No..	.....	No..	Severe..	7
June 16	Lake Superior Iron & Chemical Co..	Newberry....	L. Beaudin.....	52	No..	.....	No..	Slight..	7
June 18	Lake Superior Iron & Chemical Co..	Newberry....	S. Sarron.....	25	No..	.....	No..	Slight..	5
June 18	Lake Superior Iron & Chemical Co..	Newberry....	R. Beach.....	22	No..	.....	No..	Severe..	7
June 20	Lake Superior Iron & Chemical Co..	Newberry....	H. Hendrickson...	50	No..	.....	No..	Severe..	10
June 21	Lake Superior Iron & Chemical Co..	Newberry....	J. Oita.....	25	No..	.....	No..	Severe..	9
June 21	Lake Superior Iron & Chemical Co..	Newberry....	O. Kennenen.....	40	No..	.....	No..	Severe..	9
June 23	Lake Superior Iron & Chemical Co..	Newberry....	W. Liberty.....	18	No..	.....	No..	Slight..	1
June 24	Lake Superior Iron & Chemical Co..	Newberry....	A. Westerman....	33	No..	.....	No..	Slight..	1
June 24	Lake Superior Iron & Chemical Co..	Newberry....	A. Cantier.....	42	No..	.....	No..	Severe..	8
June 26	Lake Superior Iron & Chemical Co..	Newberry....	A. Larson.....	52	No..	.....	No..	Severe..	6
June 27	Lake Superior Iron & Chemical Co..	Newberry....	G. Coster.....	20	Yes..	Yes..	No..	Severe..	17
June 28	Lake Superior Iron & Chemical Co..	Newberry....	L. Kerwin.....	23	No..	.....	No..	Slight..	....
June 30	Lake Superior Iron & Chemical Co..	Newberry....	J. Demling.....	52	No..	.....	No..	Severe..	....
July 1	Lake Superior Iron & Chemical Co..	Newberry....	J. Glokappki.....	28	No..	.....	No..	Slight..	6
July 2	Lake Superior Iron & Chemical Co..	Newberry....	E. McCremmon...	28	No..	.....	No..	Slight..	1
July 5	Lake Superior Iron & Chemical Co..	Newberry....	J. Koponew.....	38	No..	.....	No..	Severe..	29
July 9	Lake Superior Iron & Chemical Co..	Newberry....	S. Meanei.....	26	No..	.....	No..	Severe..	6
July 10	Lake Superior Iron & Chemical Co..	Newberry....	C. Maki.....	30	Yes..	Yes..	No..	Severe..	29
July 10	Lake Superior Iron & Chemical Co..	Newberry....	W. Wiskola.....	21	No..	.....	No..	Severe..	13
July 11	Lake Superior Iron & Chemical Co..	Newberry....	L. Brocht.....	25	No..	.....	No..	Severe..	17
July 13	Lake Superior Iron & Chemical Co..	Newberry....	A. Westman.....	33	No..	.....	No..	Severe..	15
July 15	Lake Superior Iron & Chemical Co..	Newberry....	J. Leach.....	36	No..	.....	No..	Severe..	15
July 16	Lake Superior Iron & Chemical Co..	Newberry....	P. Sepponew.....	29	No..	.....	No..	Severe..	26
July 17	Lake Superior Iron & Chemical Co..	Newberry....	N. Delaren.....	38	No..	.....	No..	Severe..	17
July 17	Lake Superior Iron & Chemical Co..	Newberry....	L. Bubrick.....	24	No..	.....	No..	Severe..	7
July 18	Lake Superior Iron & Chemical Co..	Newberry....	H. Parks.....	28	No..	.....	No..	Severe..	30
July 20	Lake Superior Iron & Chemical Co..	Newberry....	D. Keifer.....	54	No..	.....	No..	Severe..	11
July 20	Lake Superior Iron & Chemical Co..	Newberry....	M. Koper.....	30	No..	.....	No..	Severe..	32
July 21	Lake Superior Iron & Chemical Co..	Newberry....	M. Shakkie.....	24	No..	.....	No..	Severe..	26
July 22	Lake Superior Iron & Chemical Co..	Newberry....	F. Taylor.....	33	No..	.....	No..	Severe..	12
July 23	Lake Superior Iron & Chemical Co..	Newberry....	S. Snopeck.....	24	No..	.....	No..	Severe..	6
July 25	Lake Superior Iron & Chemical Co..	Newberry....	M. Buzinea.....	39	No..	.....	No..	Severe..	16
July 26	Lake Superior Iron & Chemical Co..	Newberry....	D. Messenger.....	19	No..	.....	No..	Severe..	16
July 26	Lake Superior Iron & Chemical Co..	Newberry....	W. Niskola.....	21	No..	.....	No..	Serious.	30
July 27	Lake Superior Iron & Chemical Co..	Newberry....	C. Sudman.....	17	Yes..	Yes..	No..	Severe..	8
July 28	Lake Superior Iron & Chemical Co..	Newberry....	G. Peterson.....	47	No..	.....	Yes..	Severe..	11
July 31	Lake Superior Iron & Chemical Co..	Newberry....	J. Kiski.....	18	No..	.....	No..	Severe..	7
Aug. 1	Lake Superior Iron & Chemical Co..	Newberry....	P. Bubenas.....	28	No..	.....	No..	Serious.	60
Aug. 2	Lake Superior Iron & Chemical Co..	Newberry....	J. Hunt.....	40	No..	.....	No..	Slight..	4
Aug. 2	Lake Superior Iron & Chemical Co..	Newberry....	J. Rosen.....	37	No..	.....	No..	Slight..	7
Aug. 7	Lake Superior Iron & Chemical Co..	Newberry....	P. Wassilew.....	37	No..	.....	No..	Severe..	8
Aug. 14	Lake Superior Iron & Chemical Co..	Newberry....	A. Germa.....	21	No..	.....	No..	Severe..	7
Aug. 14	Lake Superior Iron & Chemical Co..	Newberry....	L. Blanchard.....	34	No..	.....	No..	Severe..	8
Aug. 14	Lake Superior Iron & Chemical Co..	Newberry....	E. Brecolo.....	25	No..	.....	No..	Severe..	30
Aug. 15	Lake Superior Iron & Chemical Co..	Newberry....	F. Kluckik.....	25	No..	.....	No..	Slight..	4
Aug. 18	Lake Superior Iron & Chemical Co..	Newberry....	R. Flesherm.....	34	No..	.....	No..	Severe..	....
Aug. 19	Lake Superior Iron & Chemical Co..	Newberry....	P. Lengers.....	30	No..	.....	No..	Slight..	3
Aug. 20	Lake Superior Iron & Chemical Co..	Newberry....	D. Beigantha.....	26	No..	.....	No..	Serious.	11
Aug. 20	Lake Superior Iron & Chemical Co..	Newberry....	P. Yeroma.....	20	No..	.....	No..	Slight..	6
Aug. 22	Lake Superior Iron & Chemical Co..	Newberry....	B. Trim.....	21	Yes..	Yes..	No..	Slight..	2
Aug. 25	Lake Superior Iron & Chemical Co..	Newberry....	A. Makie.....	25	No..	.....	No..	Severe..	33
Aug. 27	Lake Superior Iron & Chemical Co..	Newberry....	D. Penro.....	37	Yes..	Yes..	No..	Severe..	21
Aug. 27	Lake Superior Iron & Chemical Co..	Newberry....	M. Melack.....	20	No..	.....	No..	Severe..	9
Aug. 27	Lake Superior Iron & Chemical Co..	Newberry....	W. Morse.....	24	Yes..	Yes..	No..	Slight..	1

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	LUCE CO.—*Con.*								
Aug. 27	Lake Superior Iron & Chemical Co.	Newberry	C. Smith	17	Yes	Yes	No	Slight	5
Sept. 1	Lake Superior Iron & Chemical Co.	Newberry	M. Kosack	35	No		No	Severe	4
Sept. 2	Lake Superior Iron & Chemical Co.	Newberry	P. Linnch	25	No		No	Severe	16
Sept. 4	Lake Superior Iron & Chemical Co.	Newberry	F. Leots	27	No		No	Severe	15
Sept. 5	Lake Superior Iron & Chemical Co.	Newberry	J. Lindquist	50	Yes	Yes	No	Severe	10
Sept. 6	Lake Superior Iron & Chemical Co.	Newberry	T. Gratkawski	21	No		No	Severe	30
Sept. 6	Lake Superior Iron & Chemical Co.	Newberry	A. Silo	21	No		No	Severe	20
Sept. 9	Lake Superior Iron & Chemical Co.	Newberry	M. Lerzul	19	No		No	Severe	16
Sept. 10	Lake Superior Iron & Chemical Co.	Newberry	H. Barber	20	No		No	Slight	1
Sept. 12	Lake Superior Iron & Chemical Co.	Newberry	J. Kollhoff	24	Yes	Yes	No	Slight	6
Sept. 13	Lake Superior Iron & Chemical Co.	Newberry	W. Heaggard	28	Yes	Yes	No	Slight	13
Sept. 24	Lake Superior Iron & Chemical Co.	Newberry	J. Bock	30	Yes	Yes	No	Slight	1
Sept. 26	Lake Superior Iron & Chemical Co.	Newberry	F. Colles	38	No		No	Severe	7
Sept. 28	Lake Superior Iron & Chemical Co.	Newberry	J. Kesla	35	No		No	Severe	15
Oct. 1	Lake Superior Iron & Chemical Co.	Newberry	H. Craig	25	No		No	Slight	2
Oct. 5	Lake Superior Iron & Chemical Co.	Newberry	J. Johnson	35	Yes	Yes	No	Severe	52
Dec. 24	Lake Superior Iron & Chemical Co.	Newberry	A. Burnett	55	Yes	Yes	No	Severe	10
	MACKINAC COUNTY.								
April 17	E. H. Stafford Mfg. Co	Sand Bay	G. Petosk	35	Yes	Yes	No	Serious	90
July 2	Freeman Lumber Co	Engadine	D. Sayer		Yes	Yes	No	Slight	19
July 2	Freeman Lumber Co	Engadine	B. Sawyer	30	Yes	Yes	No	Slight	19
Feb. 7	Klise Lumber Co	Gilchrist	A. Schaller	28	Yes	Yes	Yes	Serious	11
July 21	J. Davis	Mackinac Isl.	A. Defranzo	30	No		Yes	Severe	10
Jan. 10	Quay & Son	Nogi	W. Bruley	40	Yes	Yes	Yes	Serious	90
Mar. 22	Naubinway Mill Co	Naubinway	G. Shaver	53	Yes	Yes	Yes	Severe	42
Aug. 5	Naubinway Mill Co	Naubinway	W. Rogers	73	Yes	Yes	Yes	Severe	36
	MANISTEE COUNTY.								
Oct. 2	R. G. Peters Salt & Lumber Co	East Lake	M. Elmerson	43	Yes	Yes	Yes	Severe	28
Oct. 9	R. G. Peters Salt & Lumber Co	East Lake	J. Buckholtz	52	Yes	Yes	Yes	Slight	7
Oct. 19	R. G. Peters Salt & Lumber Co	East Lake	A. Nelson	23	No		Yes	Slight	3
Oct. 28	R. G. Peters Salt & Lumber Co	East Lake	J. Bernier	35	No		No	Severe	18
Oct. 30	R. G. Peters Salt & Lumber Co	East Lake	E. Dunebroski	18	Yes	Yes	No	Slight	1
Nov. 1	R. G. Peters Salt & Lumber Co	East Lake	A. Spargo	18	No		No	Slight	13
Nov. 14	R. G. Peters Salt & Lumber Co	East Lake	J. Hatfield	58	No		Yes	Slight	4
Nov. 18	R. G. Peters Salt & Lumber Co	East Lake	F. Connors	25	No		Yes	Slight	6
Nov. 20	R. G. Peters Salt & Lumber Co	East Lake	T. Moorehouse	25	No		Yes	Slight	4
Nov. 29	R. G. Peters Salt & Lumber Co	East Lake	E. Senger	40	No			Slight	
Dec. 4	R. G. Peters Salt & Lumber Co	East Lake	F. Dashner	26	Yes	Yes	No	Slight	8
Dec. 4	R. G. Peters Salt & Lumber Co	East Lake	J. Bjaleck	65	No		Yes	Slight	12
Dec. 7	R. G. Peters Salt & Lumber Co	East Lake	J. Smith	55	No		No	Severe	21
Dec. 7	R. G. Peters Salt & Lumber Co	East Lake	A. Peterson	60	No		Yes	Severe	18
Dec. 7	R. G. Peters Salt & Lumber Co	East Lake	C. Burns	24	No		Yes	Fatal	
Dec. 10	R. G. Peters Salt & Lumber Co	East Lake	R. Bell	63	No		Yes	Severe	20
Dec. 12	R. G. Peters Salt & Lumber Co	East Lake	W. Hintz	32	No		Yes	Slight	2
Dec. 12	R. G. Peters Salt & Lumber Co	East Lake	E. Burns	24	No		Yes	Slight	8
Dec. 13	R. G. Peters Salt & Lumber Co	East Lake	J. Petalski	42	Yes	Yes	Yes	Slight	14
Dec. 13	R. G. Peters Salt & Lumber Co	East Lake	J. Jobruiski	67	No		No	Slight	1
Dec. 20	R. G. Peters Salt & Lumber Co	East Lake	J. DeYoung	50	Yes	Yes	Yes	Slight	
Dec. 15	R. G. Peters Salt & Lumber Co	East Lake	J. Miller	39	Yes	Yes	Yes	Severe	8
Dec. 31	R. G. Peters Salt & Lumber Co	East Lake	F. Dashner	26	Yes	Yes	No	Slight	9
Jan. 2	R. G. Peters Salt & Lumber Co	East Lake	R. Smith	35	No		Yes	Severe	58
Jan. 3	R. G. Peters Salt & Lumber Co	East Lake	C. Lamni	24	No		Yes	Slight	12

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	MANISTEE CO.—*Con.*								
Jan. 3	R. G. Peters Salt & Lumber Co.	East Lake	T. Duby	42	No		Yes	Slight	1
Jan. 10	R. G. Peters Salt & Lumber Co.	East Lake	E. Senger	40	No		Yes	Slight	1
Jan. 14	R. G. Peters Salt & Lumber Co.	East Lake	F. Shehan	21	No		No	Slight	8
Jan. 16	R. G. Peters Salt & Lumber Co.	East Lake	J. Jones	56	No		Yes	Severe	26
Jan. 22	R. G. Peters Salt & Lumber Co.	East Lake	P. Saari	22	Yes	Yes	Yes	Slight	5
Feb. 1	R. G. Peters Salt & Lumber Co.	East Lake	M. Johnson	20	No		Yes	Slight	5
Feb. 1	R. G. Peters Salt & Lumber Co.	East Lake	T. Younglas	48	No		Yes	Slight	5
Feb. 4	R. G. Peters Salt & Lumber Co.	East Lake	L. Ide	29	No		Yes	Severe	35
Feb. 12	R. G. Peters Salt & Lumber Co.	East Lake	H. Quinn	29	No		Yes	Slight	7
Feb. 13	R. G. Peters Salt & Lumber Co.	East Lake	F. Barnie	47	Yes	Yes	Yes	Severe	18
Feb. 14	R. G. Peters Salt & Lumber Co.	East Lake	R. Freeman	36	No		Yes	Slight	5
Feb. 17	R. G. Peters Salt & Lumber Co.	East Lake	J. Scarbrough	18	No		Yes	Slight	....
Feb. 18	R. G. Peters Salt & Lumber Co.	East Lake	A. England	27	No		Yes	Slight	5
Feb. 27	R. G. Peters Salt & Lumber Co.	East Lake	P. Saari	22	No		Yes	Slight	8
Mar. 8	R. G. Peters Salt & Lumber Co.	East Lake	R. Edwards	62	Yes	Yes	Yes	Slight	3
Mar. 27	R. G. Peters Salt & Lumber Co.	East Lake	O. Austin	54	No		Yes	Slight	8
Mar. 27	R. G. Peters Salt & Lumber Co.	East Lake	P. Brooks	22	No		Yes	Severe	23
Mar. 31	R. G. Peters Salt & Lumber Co.	East Lake	T. Koczmarek	65	No		Yes	Severe	32
April 8	R. G. Peters Salt & Lumber Co.	East Lake	O. Johnson	16	No		Yes	Severe	22
April 9	R. G. Peters Salt & Lumber Co.	East Lake	J. Wodinski	63	No		Yes	Severe	45
April 9	R. G. Peters Salt & Lumber Co.	East Lake	J. Freeburg	....	No		Yes	Fatal	....
April 10	R. G. Peters Salt & Lumber Co.	East Lake	A. Vogel	22	No		Yes	Slight	3
April 12	R. G. Peters Salt & Lumber Co.	East Lake	H. May	41	No		Yes	Slight	7
April 15	R. G. Peters Salt & Lumber Co.	East Lake	W. Nichols	19	No		Yes	Slight	4
April 15	R. G. Peters Salt & Lumber Co.	East Lake	P. Davis	20	Yes	Yes	Yes	Severe	54
April 17	R. G. Peters Salt & Lumber Co.	East Lake	C. Louellette	27	No		No	Slight	4
April 17	R. G. Peters Salt & Lumber Co.	East Lake	A. Larson	53	No		Yes	Severe	18
April 19	R. G. Peters Salt & Lumber Co.	East Lake	T. Dubey	46	No		Yes	Severe	12
May 9	R. G. Peters Salt & Lumber Co.	East Lake	L. Peck	18	No		Yes	Slight	3
May 12	R. G. Peters Salt & Lumber Co.	East Lake	A. Smith	17	Yes	Yes	Yes	Slight	5
May 13	R. G. Peters Salt & Lumber Co.	East Lake	J. Worht	16	No		Yes	Severe	18
May 14	R. G. Peters Salt & Lumber Co.	East Lake	R. BlyThman	63	No		Yes	Severe	72
May 15	R. G. Peters Salt & Lumber Co.	East Lake	A. Melonosky	56	No		Yes	Slight	3
May 19	R. G. Peters Salt & Lumber Co.	East Lake	F. Choate	27	No		No	Serious	100
May 27	R. G. Peters Salt & Lumber Co.	East Lake	T. Kiogma	35	No		Yes	Slight	10
June 4	R. G. Peters Salt & Lumber Co.	East Lake	A. Johnson	53	Yes	Yes	Yes	Slight	10
June 10	R. G. Peters Salt & Lumber Co.	East Lake	W. Holland	61	Yes	Yes	Yes	Severe	19
June 11	R. G. Peters Salt & Lumber Co.	East Lake	A. Eckman	24	No		Yes	Slight	....
June 11	R. G. Peters Salt & Lumber Co.	East Lake	F. Winnewski	20	Yes	Yes	Yes	Slight	....
June 17	R. G. Peters Salt & Lumber Co.	East Lake	J. Walk	32	No		Yes	Fatal	....
June 18	R. G. Peters Salt & Lumber Co.	East Lake	J. Anderson	62	No		Yes	Severe	39
June 19	R. G. Peters Salt & Lumber Co.	East Lake	C. Gustafson	50	No		Yes	Severe	33
June 20	R. G. Peters Salt & Lumber Co.	East Lake	A. Kruszka	16	No		Yes	Slight	1
June 20	R. G. Peters Salt & Lumber Co.	East Lake	W. Ehlow	16	Yes	Yes	No	Slight	3
June 24	R. G. Peters Salt & Lumber Co.	East Lake	A. Carlson	43	No		Yes	Slight	1
June 26	R. G. Peters Salt & Lumber Co.	East Lake	J. King	44	No		Yes	Severe	45
June 26	R. G. Peters Salt & Lumber Co.	East Lake	J. Rashik	33	No		Yes	Slight	....
June 30	R. G. Peters Salt & Lumber Co.	East Lake	S. Patrick	20	Yes	Yes	Yes	Slight	11
July 12	R. G. Peters Salt & Lumber Co.	East Lake	G. Kuchinski	30	No		Yes	Slight	8
July 23	R. G. Peters Salt & Lumber Co.	East Lake	L. Simoneau	36	Yes	Yes	Yes	Severe	33
July 30	R. G. Peters Salt & Lumber Co.	East Lake	G. Spencer	39	No		Yes	Severe	18
July 31	Manistee & Luther Ry. Co.	East Lake	M. O'Brien	58	No		Yes	Slight	4
Aug. 5	R. G. Peters Salt & Lumber Co.	East Lake	G. Vogel	16	Yes	Yes	No	Slight	1
Aug. 5	R. G. Peters Salt & Lumber Co.	East Lake	L. Blasky	19	No		No	Slight	4
Aug. 7	R. G. Peters Salt & Lumber Co.	East Lake	T. Wall	25	No		Yes	Slight	2
Aug. 8	R. G. Peters Salt & Lumber Co.	East Lake	A. Adams	29	No		No	Slight	7
Aug. 21	R. G. Peters Salt & Lumber Co.	East Lake	M. McAndrews	....	No		Yes	Serious	45
Aug. 27	R. G. Peters Salt & Lumber Co.	East Lake	M. Nadiwasgin	45	No		Yes	Slight	10
Sept. 3	R. G. Peters Salt & Lumber Co.	East Lake	A. Micholsky	42	Yes	Yes	No	Severe	38
Sept. 6	R. G. Peters Salt & Lumber Co.	East Lake	J. Grieshamer	22	Yes	Yes	Yes	Severe	14

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	MANISTEE CO.—*Con.*								
Sept. 25	R. G. Peters Salt & Lumber Co	East Lake	J. Savada	50	Yes	Yes	Yes	Slight	9
April 3	American Hide & Leather Co	Manistee	J. Nieren	29	No		Yes	Slight	2
May 29	American Hide & Leather Co	Manistee	B. Swanson	20	No		Yes	Slight	....
June 4	The J. H. Shults Co	Manistee	V. Rogers	26	Yes	Yes	Yes	Slight	15
June 24	American Hide & Leather Co	Manistee	R. Hanson	73	No		No	Slight	3
Jan. 2	Buckley & Douglas	Manistee	F. Stiller	54	Yes	Yes	No	Slight	12
Jan. 14	Buckley & Douglas	Manistee	F. Miller	56	No		No	Slight	13
Jan. 17	Buckley & Douglas	Manistee	O. Marquart	28	No		No	Slight	10
Jan. 22	Buckley & Douglas	Manistee	S. Grabowski	23	Yes	Yes	No	Severe	21
Jan. 22	Buckley & Douglas	Manistee	H. Bennett	58	No		No	Slight	....
Jan. 27	Buckley & Douglas	Manistee	B. Nowalk	24	Yes	Yes	No	Slight	6
Jan. 27	Buckley & Douglas	Manistee	J. Strzysiwiski	61	No		No	Serious	90
Jan. 29	Buckley & Douglas	Manistee	F. Levenduski	21	Yes	Yes	No	Serious	34
Feb. 26	Buckley & Douglas	Manistee	J. Borucki	54	No		No	Slight	9
Feb. 26	Buckley & Douglas	Manistee	J. Fredell	57	No		No	Serious	15
Mar. 11	Buckley & Douglas	Manistee	J. Koboloski	50	No		No	Slight	....
Mar. 11	Buckley & Douglas	Manistee	F. Nowka	57	No		No	Slight	13
Mar. 21	Buckley & Douglas	Manistee	M. Jenson	53	No		No	Slight	2
Mar. 29	Buckley & Douglas	Manistee	J. Jowateki	55	Yes	Yes	No	Slight	3
Mar. 29	Buckley & Douglas	Manistee	P. Lavendusky	22	Yes	Yes	No	Slight	7
April 10	Buckley & Douglas	Manistee	N. Mostenson	61	No		No	Slight	2
April 11	Buckley & Douglas	Manistee	A. Kalka	29	No		No	Serious	6
April 17	Buckley & Douglas	Manistee	J. Kaminiski	51	No		No	Slight	2
April 25	Buckley & Douglas	Manistee	F. Stackoweack	19	No		No	Slight	1
May 3	Buckley & Douglas	Manistee	E. Silvin	58	No		No	Slight	1
May 6	Buckley & Douglas	Manistee	T. Donahue	52	No		No	Severe	14
May 8	Buckley & Douglas	Manistee	N. Rennel	48	Yes	Yes	No	Slight	....
May 19	Buckley & Douglas	Manistee	S. Novazick	48	Yes	Yes	No	Slight	....
May 22	Buckley & Douglas	Manistee	M. Franchowiak	38	No		No	Slight	....
June 7	Buckley & Douglas	Manistee	L. Caton	48	Yes	Yes		Severe	54
June 19	Buckley & Douglas	Manistee	S. Kapachinski	25	No		No	Slight	1
June 27	Buckley & Douglas	Manistee	C. Betcher	55	No		No	Slight	4
July 2	Buckley & Douglas	Manistee	S. Rackfel	27	No		No	Slight	5
July 8	Buckley & Douglas	Manistee	S. Rackfel	27	No		No	Slight	4
July 16	Buckley & Douglas	Manistee	N. Hanson	61	No		No	Slight	4
July 23	Buckley & Douglas	Manistee	J. Olk	46	No		No	Slight	4
Sept. 18	Buckley & Douglas	Manistee	T. Kotrack	17	No		No	Slight	14
Sept. 26	Buckley & Douglas	Manistee	L. Wroblski	54	No		No	Slight	3
Oct. 1	Buckley & Douglas	Manistee	W. Marguard	53	No		No	Slight	7
Oct. 1	Buckley & Douglas	Manistee	S. Ziga	42	No		No	Slight	....
Oct. 10	Buckley & Douglas	Manistee	M. Kavolski	44	No		No	Slight	15
Oct. 14	Buckley & Douglas	Manistee	F. Stiller	54	No		No	Slight	....
Oct. 20	Buckley & Douglas	Manistee	T. Kushmack	24	No		No	Slight	....
Oct. 24	Buckley & Douglas	Manistee	B. Bush	46	Yes	Yes	No	Slight	....
Oct. 26	Buckley & Douglas	Manistee	J. Kruska	62	No		No	Slight	....
Oct. 31	Buckley & Douglas	Manistee	C. Wagner	38	No		Yes	Slight	9
Nov. 2	Buckley & Douglas	Manistee	P. Jenowsak	39	Yes	Yes	No	Slight	1
Nov. 9	Buckley & Douglas	Manistee	L. Glyski	17	Yes	Yes	Yes	Slight	1
Nov. 12	Buckley & Douglas	Manistee	J. Jorchinski	55	No		No	Slight	....
Dec. 10	Buckley & Douglas	Manistee	J. Bologic	38				Slight	2
Dec. 13	Buckley & Douglas	Manistee	J. Gramza	30	No		No	Serious	1
Dec. 14	Buckley & Douglas	Manistee	J. Malenski	22	No		No	Serious	126
Dec. 23	Buckley & Douglas	Manistee	F. Krupa	26	No		No	Serious	16
Jan. 23	Eastern Michigan Power Co	Manistee	C. Klaske	30	No		Yes	Severe	25
Feb. 25	Eastern Michigan Power Co	Manistee	H. Field	19	No			Slight	4
Mar. 5	Eastern Michigan Power Co	Manistee	C. Wyman	33	No			Slight	....
Mar. 13	Eastern Michigan Power Co	Manistee	L. Cybart	24	Yes	Yes	Yes	Slight	17
May 28	Eastern Michigan Power Co	Manistee	E. Gustagson	20	No		Yes	Severe	19
April 11	Manistee Mfg. Co	Manistee	E. Hanson	43	Yes	Yes	No	Slight	9
June 17	Manistee Mfg. Co	Manistee	S. Peterson	60	Yes	Yes	No	Slight	24

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Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	MANISTEE CO.—*Con.*								
June 24	Noud Lumber Co	Manistee	F. August	44	Yes	Yes	No	Slight	10
Sept. 18	Sands Salt & Lumber Co	Manistee	M. Cybart	20	Yes	Yes	No	Slight	6
Sept. 25	Sands Salt & Lumber Co	Manistee	J. Anderson	46	Yes	Yes	No	Slight	....
Nov. 27	Sands Salt & Lumber Co	Manistee	M. Pavolski	46	No	.....	No	Slight	22
Dec. 23	Sands Salt & Lumber Co	Manistee	A. Mortenson	65	Yes	Yes	Yes	Slight	4
Jan. 3	Sands Salt & Lumber Co	Manistee	H. Hansen	....	No	.....	No	Slight	11
Jan. 11	Sands Salt & Lumber Co	Manistee	N. Plemondon	29	No	.....	No	Slight	9
Jan. 17	Sands Salt & Lumber Co	Manistee	J. Skrapko	45	No	.....	No	Slight	10
Jan. 20	Sands Salt & Lumber Co	Manistee	J. Finner	31	Yes	Yes	No	Slight	14
Jan. 21	Sands Salt & Lumber Co	Manistee	T. Stinberg	38	Yes	Yes	No	Slight	....
Jan. 28	Sands Salt & Lumber Co	Manistee	W. Oleson	23	No	.....	No	Severe	20
Feb. 10	Sands Salt & Lumber Co	Manistee	K. Lyewski	25	No	.....	No	Slight	5
Mar. 5	Sands Salt & Lumber Co	Manistee	O. Anderson	30	No	.....	No	Slight	7
Mar. 15	Sands Salt & Lumber Co	Manistee	A. Johnson	62	No	.....	No	Slight	13
Mar. 21	Sands Salt & Lumber Co	Manistee	W. Riets	28	Yes	Yes	No	Slight	30
April 1	Sands Salt & Lumber Co	Manistee	E. Miller	17	Yes	Yes	No	Slight	1
April 16	Sands Salt & Lumber Co	Manistee	J. O'Connell	55	No	.....	No	Slight	12
April 24	Sands Salt & Lumber Co	Manistee	N. Nelson	51	No	.....	No	Slight	4
April 30	Sands Salt & Lumber Co	Manistee	J. Erickson	47	No	.....	No	Slight	36
May 5	Sands Salt & Lumber Co	Manistee	A. Wenzel	60	No	.....	No	Slight	5
May 22	Sands Salt & Lumber Co	Manistee	A. Rasmuson	29	No	.....	No	Slight	17
May 24	Sands Salt & Lumber Co	Manistee	J. Gunn	54	No	.....	No	Slight	....
June 7	Sands Salt & Lumber Co	Manistee	F. Oelke	29	Yes	Yes	No	Slight	4
June 7	Sands Salt & Lumber Co	Manistee	A. Johnson	45	No	.....	No	Slight	....
June 11	Sands Salt & Lumber Co	Manistee	E. Mead	41	No	.....	No	Slight	....
June 21	Sands Salt & Lumber Co	Manistee	J. Bufka	33	Yes	Yes	Yes	Slight	....
June 23	Sands Salt & Lumber Co	Manistee	J. Johnson	28	Yes	Yes	No	Slight	....
June 28	Sands Salt & Lumber Co	Manistee	H. Kasben	36	Yes	Yes	No	Slight	....
July 2	Sands Salt & Lumber Co	Manistee	J. Kukla	18	Yes	Yes	No	Slight	....
July 14	Sands Salt & Lumber Co	Manistee	J. Bialok	55	Yes	Yes	No	Slight	7
July 16	Sands Salt & Lumber Co	Manistee	A. Oleson	30	Yes	Yes	No	Slight	....
July 28	Sands Salt & Lumber Co	Manistee	J. Biolok	55	Yes	Yes	Yes	.....	....
July 29	Sands Salt & Lumber Co	Manistee	P. Johnson	62	No	.....	No	Slight	....
Sept. 11	Sands Salt & Lumber Co	Manistee	S. Peterson	53	Yes	Yes	No	Slight	14
Dec. 11	Sands Salt & Lumber Co	Manistee	A. Knuth	43	No	.....	No	Slight	13
Nov. 20	West Michigan Flooring Mill	Manistee	J. Rorke	40	No	.....	.....	.....	....
Jan. 15	West Michigan Flooring Mill	Manistee	C. Anderson	47	Yes	Yes	No	Slight	....
Mar. 1	West Michigan Flooring Mill	Manistee	C. Anderson	47	Yes	No	No	Slight	....
Mar. 19	West Michigan Flooring Mill	Manistee	A. Springbone	42	No	.....	.....	Slight	2
April 24	West Michigan Flooring Mill	Manistee	A. Dottaske	32	.....	.....	.....	Slight	4
June 5	West Michigan Flooring Mill	Manistee	J. Robloski	22	.....	.....	.....	Slight	7
June 6	West Michigan Flooring Mill	Manistee	C. Redman	23	.....	.....	.....	Severe	24
June 25	West Michigan Flooring Mill	Manistee	F. Theboult	....	.....	.....	.....	Slight	3
June 26	West Michigan Flooring Mill	Manistee	G. Hugh	41	.....	.....	.....	Slight	4
Jan. 24	Chapman-Sargent Co	Copemish	J. Moon	27	Yes	Yes	No	Severe	150
April 11	Chapman-Sargent Co	Copemish	G. John	33	No	.....	No	Severe	30
.....	Chapman-Sargent Co	Copemish	A. DeLong	28	Yes	Yes	Yes	Slight	24
.....	Chapman-Sargent Co	Copemish	W. Johns	23	Yes	Yes	Yes	Severe	60
	MARQUETTE COUNTY.								
May 19	Lake Independence Lumber Co	Big Bay	C. Nevitch	30	No	.....	No	Slight	1
June 1	Lake Independence Lumber Co	Big Bay	T. Evon	30	No	.....	No	Slight	3
June 5	Lake Independence Lumber Co	Big Bay	C. Donigan	21	No	.....	No	Severe	8
June 5	Lake Independence Lumber Co	Big Bay	P. George	35	Yes	Yes	No	Slight	....
June 7	Lake Independence Lumber Co	Big Bay	P. Nashland	25	No	.....	No	Slight	....

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	MARQUETTE CO.—*Con.*								
June 12	Lake Independence Lumber Co...	Big Bay.....	L. Miller.....	23	No..	.....	No..	Slight..	....
June 28	Lake Independence Lumber Co...	Big Bay.....	T. James.....	44	No..	.....	No..	Severe..	10
June 30	Lake Independence Lumber Co...	Big Bay.....	J. Manning	46	No..	.....	No..	Slight .	2
July 1	Lake Independence Lumber Co...	Big Bay.....	V. Lahti.....	29	No..	.....	No..	Slight..	....
July 2	Lake Independence Lumber Co...	Big Bay.....	C. Jim.....	22	Yes.	Yes.	No..	Slight .	....
July 2	Lake Independence Lumber Co...	Big Bay.....	J. Jacobson.....	34	No..	.....	No..	Slight..	4
July 5	Lake Independence Lumber Co...	Big Bay.....	A. Dennis.....	43	No..	.....	No..	Severe..	14
July 7	Lake Independence Lumber Co...	Big Bay.....	N. Myers.....	43	No	.....	No..	Slight..	....
July 12	Lake Independence Lumber Co...	Big Bay.....	A. McMullen.....	27	No..	.....	No..	Severe..	10
July 12	Lake Independence Lumber Co...	Big Bay.....	J. Contway.....	48	No..	.....	No..	Severe..	4
July 18	Lake Independence Lumber Co...	Big Bay.....	H. Meldrum.....	36	Yes	Yes.	No..	Slight..	5
July 19	Lake Independence Lumber Co...	Big Bay.....	J. Lisuck.....	29	No..	.....	No..	Severe..	....
July 22	Lake Independence Lumber Co...	Big Bay.....	J. Krishanowski ..	44	No..	.....	No..	Severe..	5
July 23	Lake Independence Lumber Co...	Big Bay.....	N. Mike.....	27	Yes..	Yes..	No..	Slight..	....
July 23	Lake Independence Lumber Co...	Big Bay.....	T. Karish.....	30	No..	.....	No..	Slight..	3
July 26	Lake Independence Lumber Co...	Big Bay.....	F. Koski.....	27	Yes..	Yes..	No..	Slight..	....
July 26	Lake Independence Lumber Co...	Big Bay.....	T. Nachef.....	28	Yes..	Yes..	No..	Slight..	....
July 30	Lake Independence Lumber Co...	Big Bay.....	C. Jim.....	20	Yes.	Yes	No..	Slight..	....
July 31	Lake Independence Lumber Co...	Big Bay.....	W. Klip.....	39	No..	.....	No..	Severe..	6
Aug. 2	Lake Independence Lumber Co...	Big Bay.....	M. Osbel.....	35	Yes	Yes..	No..	Severe..	5
Aug. 4	Lake Independence Lumber Co...	Big Bay.....	W. Ellersick.....	21	No..	.....	No..	Slight..	....
Aug. 7	Lake Independence Lumber Co...	Big Bay.....	C. Casson.....	48	No..	.....	No..	Slight..	....
Aug. 11	Lake Independence Lumber Co...	Big Bay.....	N. LaMere.....	14	No..	.....	No..	Slight..	....
Aug. 13	Lake Independence Lumber Co...	Big Bay.....	J. Donigan.....	64	No..	.....	No..	Severe..	5
Aug. 15	Lake Independence Lumber Co...	Big Bay.....	T. Evon..... ...	30	Yes .	Yes .	No..	Slight.	2
Aug. 16	Lake Independence Lumber Co...	Big Bay.....	L. Happy.....	49	No..	.....	No..	Slight..	2
Aug. 18	Lake Independence Lumber Co...	Big Bay.....	P. Gaudette.....	27	No..	.....	No..	Slight..	....
Aug. 18	Lake Independence Lumber Co...	Big Bay.....	S. Lindsay.....	37	No..	.....	No..	Severe..	3
Aug. 8	Lake Independence Lumber Co...	Big Bay.....	I. LeBest.....	34	No..	.....	No..	Slight..	....
Aug. 22	Lake Independence Lumber Co...	Big Bay.....	C. Neveu.....	31	No..	.....	No..	Slight..	3
Aug. 22	Lake Independence Lumber Co...	Big Bay.....	R. Goodacre.....	23	No..	.....	No..	Slight..	2
Aug. 25	Lake Independence Lumber Co...	Big Bay.....	J. Cuseff.....	22	No..	.....	No..	Severe..	2
Aug. 27	Lake Independence Lumber Co...	Big Bay.....	O. LeClair.....	41	Yes .	Yes	No..	Severe..	....
Aug. 29	Lake Independence Lumber Co...	Big Bay.....	N. Mike.....	20	Yes..	Yes.	No..	Slight .	....
Sept. 3	Lake Independence Lumber Co...	Big Bay.....	P. Hanson.....	47	No..	.....	No..	Severe .	9
Sept. 9	Lake Independence Lumber Co...	Big Bay.....	J. Taaffe.....	28	No..	.....	No..	Severe..	....
Sept. 9	Lake Independence Lumber Co...	Big Bay.....	R. Gillette.....	41	No..	.....	No..	Slight .	....
Sept. 10	Lake Independence Lumber Co...	Big Bay.....	T. Carronn.....	31	No..	.....	No..	Slight..	....
Sept. 11	Lake Independence Lumber Co...	Big Bay.....	T. Douchis.....	41	No..	.....	No..	Slight..	1
Sept. 13	Lake Independence Lumber Co...	Big Bay.....	T. Glass.....	27	No..	.....	No..	Severe..	1
Sept. 13	Lake Independence Lumber Co...	Big Bay.....	J. Donigan.....	64	No..	.....	No..	Slight..	....
Sept. 15	Lake Independence Lumber Co...	Big Bay.....	J. Gerki.....	21	No..	.....	No..	Slight..	....
Sept. 15	Lake Independence Lumber Co...	Big Bay.....	S. Lindsay.....	37	No..	.....	No..	Slight..	....
Sept. 16	Lake Independence Lumber Co...	Big Bay.....	G. Kalada.....	28	No..	.....	No..	Slight..	....
Sept. 9	Lake Independence Lumber Co...	Big Bay.....	M. Hanson.....	57	No..	.....	No..	Severe..	10
Sept. 17	Lake Independence Lumber Co...	Big Bay.....	W. Ellersick.....	21	Yes..	Yes..	No..	Slight..	....
Sept. 17	Lake Independence Lumber Co...	Big Bay.....	T. Naum.....	40	Yes..	Yes .	No..	Slight..	....
Sept. 17	Lake Independence Lumber Co...	Big Bay.....	O. LeClair.....	48	Yes..	Yes.	No..	Slight..	....
Sept. 18	Lake Independence Lumber Co...	Big Bay.....	W. Short.....	23	No..	.....	No..	Slight..	....
May 9	Marquette County Gas & Electric Co.....	Ishpeming....	A. Ekola.....	45	No..	No..	Yes..	Slight..	90
Oct. 4	Michigan State Telephone Co.....	Ishpeming....	J. Mahoney.....	21	No..	No..	Yes..	Slight..	12
Sept. 23	New Dalton Lumber Co.....	New Dalton..	H. Thomas.....	23	No..	.....	.....	Severe..	10
Aug. 4	New Dalton Lumber Co.....	New Dalton..	W. Zyerman.....	28	No..	.....	No..	Severe..	12
Oct. 1	New Dalton Lumber Co.....	New Dalton..	F. Strond.....	30	.....	.....	No..	Severe..	8
Oct. 15	New Dalton Lumber Co.....	New Dalton..	J. Morow.....	29	No..	.....	No..	Severe..	7

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	MASON COUNTY.								
Jan. 1	Carrom Archarena Co	Ludington	I. Rice	18	Yes	Yes	No	Slight	8
Jan. 9	Carrom Archarena Co	Ludington	J. Scott	46	Yes	Yes	Yes	Severe	12
April 6	Carrom Archarena Co	Ludington	E. Munson	27	No		No	Severe	15
May 2	Carrom Archarena Co	Ludington	C. Day	29	No		No	Severe	60
May 31	Carrom Archarena Co	Ludington	J. Bartenbacker	34	Yes	Yes	No	Slight	10
June 3	Carrom Archarena Co	Ludington	R. Vashon	18	No		No	Severe	14
July 30	Carrom Archarena Co	Ludington	H. Parsons	28	Yes	Yes	Yes	Severe	45
Nov. 14	Carrom Archarena Co	Ludington	F. Payne	55	No		No	Severe	21
Nov. 17	A. E. Cartier Sons Co	Ludington	J. Orr	40	Yes	Yes	No	Severe	28
Nov. 20	A. E. Cartier Sons Co	Ludington	M. Tomatzski	49	No		No	Slight	10
Dec. 19	A. E. Cartier Sons Co	Ludington	H. McMahon	21	No		No	Severe	56
April 17	Handy Things Mfg. Co	Ludington	H. Olson	19	Yes	Yes	Yes	Severe	21
May 16	Ludington Woodenware Co	Ludington	W. Dnushic	35	No		Yes	Severe	35
Sept. 23	Morton Salt Co	Ludington	G. Beutz	49	Yes	Yes	No	Slight	14
Jan. 1	Morton Salt Co	Ludington	M. Mack	34	Yes	Yes	No	Slight	36
Aug. 8	Stearns Salt & Lumber Co	Ludington	M. Gust	33	No		No	Slight	
Aug. 29	Stearns Salt & Lumber Co	Ludington	F. Zackow	21	No		Yes		
Sept. 4	Stearns Salt & Lumber Co	Ludington	C. Smith	46	Yes	Yes		Severe	23
Sept. 9	Stearns Salt & Lumber Co	Ludington	H. Gatchtce	20	Yes	Yes	Yes	Slight	3
Sept. 13	Stearns Salt & Lumber Co	Ludington	F. Stohr	19	Yes	Yes	No	Severe	
Oct. 7	Stearns Salt & Lumber Co	Ludington	J. Eloth	22	Yes	Yes	No	Slight	3
Oct. 12	Stearns Salt & Lumber Co	Ludington	H. Christensen	50	No		No	Slight	
Oct. 25	Stearns Salt & Lumber Co	Ludington	M. Anderson	40	No			Slight	3
Oct. 29	Stearns Salt & Lumber Co	Ludington	O. Hanson	55	No			Slight	3
Nov. 4	Stearns Salt & Lumber Co	Ludington	A. Charland		Yes	Yes	No	Slight	8
Nov. 6	Stearns Salt & Lumber Co	Ludington	G. Carlson	52	Yes	Yes	No	Severe	5
Nov. 12	Stearns Salt & Lumber Co	Ludington	N. Johnson	76	Yes	Yes	Yes	Serious	21
Dec. 4	Stearns Salt & Lumber Co	Ludington	C. Boston	60	Yes	Yes	No	Severe	40
Dec. 10	Stearns Salt & Lumber Co	Ludington	H. Schultz	24	Yes	Yes		Serious	210
Dec. 21	Stearns Salt & Lumber Co	Ludington	C. O'Green	27	Yes	Yes		Severe	13
Jan. 18	Stearns Salt & Lumber Co	Ludington	C. Amsbaugh	19	No		Yes	Slight	3
Jan. 30	Stearns Salt & Lumber Co	Ludington	F. Peters	40	No		No	Severe	21
Feb. 15	Stearns Salt & Lumber Co	Ludington	W. Biershbach	18	No			Severe	30
Feb. 21	Stearns Salt & Lumber Co	Ludington	A. Boldsted	28	No			Severe	9
Feb. 24	Stearns Salt & Lumber Co	Ludington	C. Lee	65	No		Yes	Slight	7
Mar. 4	Stearns Salt & Lumber Co	Ludington	J. Andersach	29	Yes	Yes	No	Slight	6
May 16	Stearns Salt & Lumber Co	Ludington	A. Lingkie	50			No	Severe	21
May 23	Stearns Salt & Lumber Co	Ludington	F. Ziyanick	50			Yes	Severe	42
June 3	Stearns Salt & Lumber Co	Ludington	P. Stock				No	Severe	30
June 17	Stearns Salt & Lumber Co	Ludington	E. Smith	60				Slight	3
June 17	Stearns Salt & Lumber Co	Ludington	C. Hanson	42			Yes	Severe	
July 10	Stearns Salt & Lumber Co	Ludington	G. Folkman	43	No		No	Slight	3
Sept. 3	Stearns Salt & Lumber Co	Ludington	A. Anderson	31	Yes	No	No	Slight	3
Sept. 5	Stearns Salt & Lumber Co	Ludington	J. Andersack	27	Yes	Yes	No	Slight	21
Sept. 12	Stearns Salt & Lumber Co	Ludington	A. Fenholm	50	No		Yes	Slight	
Sept. 26	Stearns Salt & Lumber Co	Ludington	E. Behr	29	No		No	Severe	35
Nov. 23	Stearns Salt & Lumber Co	Ludington	F. Korblor	60	No		Yes	Slight	21
	MECOSTA COUNTY.								
Jan. 9	Big Rapids Furniture Mfg. Co	Big Rapids	A. Karzewski	40	Yes	Yes	No	Serious	28
Jan. 14	Big Rapids Furniture Mfg. Co	Big Rapids	J. Miller	40	Yes	Yes	Yes	Severe	28
Sept. 3	Falcon Mfg. Co	Big Rapids	J. Hastings	24	Yes	Yes	Yes	Severe	30
Oct. 6	Falcon Mfg. Co	Big Rapids	F. Jacobson	23	Yes	Yes	No	Severe	35
Nov. 6	Falcon Mfg. Co	Big Rapids	G. VanDeWater	21	Yes	Yes	Yes	Slight	18

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	MECOSTA CO.—*Con.*								
Aug. 19	Jones & Green	Big Rapids	P. Goltz	28	Yes	Yes	No	Severe	14
May 23	Luce-Redmond Chair Co	Big Rapids	M. Jorgeson	18	Yes	Yes	No	Severe	49
Jan. 12	Eastern Michigan Power Co	Morley	G. Petit	55	No			Severe	62
Aug. 25	Eastern Michigan Power Co	Rogers Dam	J. Yoder	45	No			Slight	4
Sept. 1	Eastern Michigan Power Co	Rogers Dam	E. Victor	34	No		Yes	Slight	7
	MIDLAND COUNTY.								
Oct. 19	The Dow Chemical Co	Midland	L. Newman	36	No		No	Slight	14
Oct. 25	The Dow Chemical Co	Midland	F. Pastorik	27	No		Yes	Slight	14
Nov. 9	The Dow Chemical Co	Midland	C. Rumler	27	Yes		No	Slight	10
Nov. 19	The Dow Chemical Co	Midland	A. Taylor	30			No	Slight	7
Nov. 27	The Dow Chemical Co	Midland	R. Walters	32			No	Slight	14
Dec. 6	The Dow Chemical Co	Midland	J. Smith	45			No	Slight	10
Dec. 24	The Dow Chemical Co	Midland	H. Moody	60	Yes	Yes	No	Slight	21
April 22	The Dow Chemical Co	Midland	M. Boggs	30				Severe	90
	MISSAUKEE COUNTY.								
Jan. 16	Cadillac Chemical Co	Jennings	C. Roswell	35	No		No	Slight	5
Mar. 15	Cadillac Chemical Co	Jennings	H. Peterson	32	Yes	Yes	No	Slight	
April 15	Cadillac Chemical Co	Jennings	H. Eldred	52	No			Slight	4
April 22	Cadillac Chemical Co	Jennings	F. Johnson	50				Slight	
May 3	Cadillac Chemical Co	Jennings	J. Boley	28	No		No	Slight	2
July 11	Cadillac Chemical Co	Jennings	O. Hanson	28	No		No	Slight	5
Aug. 16	Cadillac Chemical Co	Jennings	A. Brown	53	No		No	Slight	14
Aug. 29	Cadillac Chemical Co	Jennings	C. Sarinna	30	No			Slight	20
	MONROE COUNTY.								
Mar. 14	The Boehme & Rauch Co	Monroe	E. LaFountain	20	Yes	Yes	Yes	Slight	21
Mar. 22	The Boehme & Rauch Co	Monroe	A. Stubbe	24	Yes	Yes	Yes	Slight	19
April 1	The Boehme & Rauch Co	Monroe	E. Shanteau	15	Yes	Yes	Yes	Slight	17
June 18	The Boehme & Rauch Co	Monroe	S. Navarre	40	Yes	Yes	Yes	Slight	23
Aug. 5	The Boehme & Rauch Co	Monroe	D. Nadeau	38	Yes	Yes	Yes	Slight	13
Feb. 13	River Raisin Paper Co	Monroe	C. Grodi	22	Yes	Yes	No	Serious	35
April 18	River Raisin Paper Co	Monroe	C. McLakeiser		No		No	Slight	5
May 29	River Raisin Paper Co	Monroe	F. Miller	35	No		No	Slight	11
June 17	River Raisin Paper Co	Monroe	E. Anteau	18	Yes	Yes	No	Slight	7
July 18	River Raisin Paper Co	Monroe	A. Duval	18	Yes	Yes	Yes	Severe	
Oct. 15	River Raisin Paper Co	Monroe	L. Lee		Yes	Yes	No	Slight	
Nov. 16	River Raisin Paper Co	Monroe	F. Rothacker	22	Yes	Yes	No	Severe	8
Oct. 12	The Weis Mfg. Co	Monroe	F. Belkover	19	Yes	Yes	No	Slight	
Feb. 18	The Weis Mfg. Co	Monroe	H. Gentner	32	No		Yes	Serious	32
Feb. 26	The Weis Mfg. Co	Monroe	H. Seppel	21	No		No	Serious	10
Feb. 28	The Weis Mfg. Co	Monroe	H. Mather	26	Yes	Yes	Yes	Slight	
May 13	The Weis Mfg. Co	Monroe	W. Schierin	34	Yes	Yes	No	Slight	
June 18	The Weis Mfg. Co	Monroe	J. Wilkie	21	No		Yes	Slight	1
June 18	The Weis Mfg. Co	Monroe	M. Kehrer	21	Yes	Yes	No	Serious	
June 27	The Weis Mfg. Co	Monroe	F. Twage	19	Yes	Yes	Yes	Slight	
Aug. 12	The Weis Mfg. Co	Monroe	T. Joy	16	Yes	Yes	Yes	Slight	3
Sept. 25	The Weis Mfg. Co	Monroe	A. Vincent	19	No		Yes	Serious	3
Sept. 25	The Weis Mfg. Co	Monroe	L. St. Charles	43	No		No	Slight	1
Nov. 29	The Weis Mfg. Co	Monroe	M. Carmel	22	Yes	Yes	No	Slight	1
Oct. 17	Wilder & Strong	Monroe	H. Miller	19	Yes	Yes	No	Severe	65

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	MONROE CO.—*Con.*								
Dec. 18	Wilder & Strong	Monroe	M. Gregg	33	Yes	Yes	No	Slight	15
Jan. 24	Wilder & Strong	Monroe	S. Hagopian	29	No			Serious	49
Aug. 19	Wilder & Strong	Monroe	C. Sears	19	Yes	Yes	No	Severe	10
Aug. 20	Wilder & Strong	Monroe	D. Gilbert	50				Slight	35
	MONTCALM COUNTY.								
Mar. 19	Booth Mfg. Co	Howard City	J. Knox	68	Yes	Yes	Yes	Severe	45
July 7	Booth Mfg. Co	Howard City	E. Wightman	47	Yes	Yes	No	Slight	7
	MONTMORENCY COUNTY.								
Feb. 12	Gardner-Peterman & Co	Hillman	W. Hawley	39	No		No	Serious	32
Feb. 12	Gardner-Peterman & Co	Hillman	L. Wixon	17	No		No	Serious	64
Mar. 5	Gardner-Peterman & Co	Hillman	W. Edwards	31	No		No	Severe	30
	MUSKEGON COUNTY.								
July 17	Central Foundry Co	Muskegon	A. Backman	47	No		No	Fatal	
July 17	Central Foundry Co	Muskegon	A. Morrison	38	No		No	Fatal	
Nov. 15	The Alaska Refrigerator Co	Muskegon	A. Mapes	19	Yes		Yes	Slight	20
Nov. 19	The Alaska Refrigerator Co	Muskegon	J. Secord	50	No			Severe	
Dec. 23	The Alaska Refrigerator Co	Muskegon	W. Duiven	17	No		Yes	Slight	7
Feb. 17	The Alaska Refrigerator Co	Muskegon	D. Larson	18	Yes		Yes	Severe	30
July 16	The Alaska Refrigerator Co	Muskegon	F. Sumner	28	Yes	Yes	No	Serious	120
Dec. 1	Central Paper Co	Muskegon	O. Schlighting	26	No			Slight	
Dec. 7	Central Paper Co	Muskegon	J. Fourtin	21	Yes			Slight	2
Dec. 13	Central Paper Co	Muskegon	C. DeVoe	25	Yes	Yes		Slight	
Dec. 18	Central Paper Co	Muskegon	A. VanBergen	44	Yes	Yes		Slight	2
Feb. 19	Central Paper Co	Muskegon	N. Smith	40				Serious	8
Feb. 24	Central Paper Co	Muskegon	H. Seites	50	No			Serious	11
Feb. 28	Central Paper Co	Muskegon	A. Biglow	20	No			Slight	2
Mar. 3	Central Paper Co	Muskegon	P. Mallett	60	No			Slight	5
Mar. 9	Central Paper Co	Muskegon	A. Hazard	36	No			Slight	
Mar. 12	Central Paper Co	Muskegon	J. Witterongel	30	Yes			Slight	
Mar. 26	Central Paper Co	Muskegon	P. Larson	60	No			Slight	2
April 4	Central Paper Co	Muskegon	E. Miller	18	Yes			Slight	9
April 9	Central Paper Co	Muskegon	F. VanGelden	37	Yes			Slight	
May 7	Central Paper Co	Muskegon	A. Rafferty	24	Yes			Slight	
May 15	Central Paper Co	Muskegon	L. Anderson	64	No			Slight	7
May 20	Central Paper Co	Muskegon	G. Johnson	25	Yes			Slight	1
May 20	Central Paper Co	Muskegon	M. Williams	30	No			Slight	5
May 26	Central Paper Co	Muskegon	F. McMahon	47	No			Slight	4
June 14	Central Paper Co	Muskegon	B. Laglerst	65	No			Slight	7
June 21	Central Paper Co	Muskegon	W. Ninenska	40	No			Slight	2
June 25	Central Paper Co	Muskegon	C. Wilcoxson	25	No			Slight	5
June 26	Central Paper Co	Muskegon	L. Fouster	40	Yes	Yes		Slight	14
June 30	Central Paper Co	Muskegon	A. Perry	50	Yes	Yes	Yes	Slight	14
July 2	Central Paper Co	Muskegon	O. Klunder	22				Slight	13
July 5	Central Paper Co	Muskegon	S. Warnszaski	28	No			Severe	2
July 5	Central Paper Co	Muskegon	F. Curry	54	No			Slight	4
July 9	Central Paper Co	Muskegon	A. Zwicker	22	Yes	Yes	Yes	Slight	24
July 10	Central Paper Co	Muskegon	J. Westergren	22	Yes			Slight	
July 10	Central Paper Co	Muskegon	A. Towne	57	Yes			Slight	24
July 16	Central Paper Co	Muskegon	A. Davis	28				Slight	3
July 12	Muskegon Extract Co	Muskegon	C. Roberts	23				Slight	2
July 15	Muskegon Extract Co	Muskegon	J. Schultz	25	Yes				3
July 22	Central Paper Co	Muskegon	A. Pearson	25	Yes			Slight	

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	MUSKEGON CO.—*Con.*								
July 22	Central Paper Co	Muskegon	R. Jones	17	Yes			Slight	
Aug. 8	Central Paper Co	Muskegon	H. Knitter	17	Yes			Slight	
Aug. 8	Central Paper Co	Muskegon	A. Allen	50	No			Slight	9
Aug. 9	Central Paper Co	Muskegon	W. Sawyer	55	No			Slight	7
Aug. 10	Central Paper Co	Muskegon	J. Maskell	34	No			Slight	7
Aug. 20	Central Paper Co	Muskegon	B. Beamer	36	Yes			Slight	1
Aug. 29	Central Paper Co	Muskegon	M. Elliott	17	No			Slight	
Aug. 30	Central Paper Co	Muskegon	E. Stromsta	50	Yes			Slight	16
Sept. 3	Central Paper Co	Muskegon	P. Hagen	43	Yes	Yes		Slight	1
Sept. 7	Central Paper Co	Muskegon	R. Lewis	36	No			Slight	5
Sept. 8	Central Paper Co	Muskegon	E. Reich	21	Yes	Yes		Slight	12
Sept. 12	Central Paper Co	Muskegon	D. Sayers	43	No			Severe	1
Sept. 18	Central Paper Co	Muskegon	M. Dominick	23	Yes	Yes		Slight	1
Sept. 27	Central Paper Co	Muskegon	W. Beauvais	19	Yes	Yes		Slight	13
Sept. 30	Central Paper Co	Muskegon	C. Jennerjohn	21	Yes	Yes		Slight	8
Oct. 7	Central Paper Co	Muskegon	E. Elliott	17	Yes	Yes		Slight	21
Oct. 8	Central Paper Co	Muskegon	E. Todd	26	Yes	Yes		Serious	10
Oct. 8	Central Paper Co	Muskegon	C. Sadler	55	Yes	Yes		Slight	
Oct. 17	Central Paper Co	Muskegon	A. Moldenauer	35	Yes	Yes		Serious	45
Oct. 21	Central Paper Co	Muskegon	F. Curry	55	No			Slight	
Oct. 27	Central Paper Co	Muskegon	J. Cooper	43	No			Slight	
Nov. 1	Central Paper Co	Muskegon	F. Fischer	38	No			Slight	
Nov. 1	Central Paper Co	Muskegon	H. Kruschki	25	No			Severe	4
Nov. 6	Central Paper Co	Muskegon	A. Fuller	28	Yes	Yes		Slight	1
Nov. 6	Central Paper Co	Muskegon	P. Hagen	43	Yes	Yes		Serious	21
Nov. 14	Central Paper Co	Muskegon	H. Martin	53	Yes	Yes		Slight	
Nov. 15	Central Paper Co	Muskegon	A. Perry	49	Yes	Yes		Slight	
Nov. 15	Central Paper Co	Muskegon	H. Thedorff	19	Yes	Yes		Slight	7
Nov. 27	Central Paper Co	Muskegon	H. Anderson	27	Yes	Yes		Slight	3
April 23	Grand Rapids-Muskegon Power Co.	Muskegon	D. Blanchard	23	No			Fatal	
Jan. 8	Indiana Box Co	Muskegon	H. Egner	29	Yes	Yes	No	Severe	13
Jan. 27	Indiana Box Co	Muskegon	W. White	45	No		No	Severe	18
Feb. 10	Indiana Box Co	Muskegon	G. Stark	42	No		No	Severe	26
April 8	Indiana Box Co	Muskegon	H. Cook	24	Yes	Yes	Yes	Slight	12
April 15	Indiana Box Co	Muskegon	A. Johnson	62	Yes	Yes	No	Slight	12
Aug. 4	Indiana Box Co	Muskegon	W. Schuitema	21	Yes	Yes	No	Severe	87
July 15	Lyons Machine Mfg. Co	Muskegon	W. Fors		Yes	Yes	Yes	Slight	18
Aug. 28	Chas. W. Marsh Co	Muskegon	L. Johnson	21	Yes	Yes	Yes	Slight	5
July 28	Muskegon Extract Co	Muskegon	E. Richards	34	No			Slight	
Nov. 14	Muskegon Extract Co	Muskegon	L. Borne	33	No			Slight	
Jan. 7	Muskegon Valley Furniture Co	Muskegon	P. Semeyn	35	Yes	Yes	Yes	Slight	21
Feb. 19	Muskegon Valley Furniture Co	Muskegon	T. Traister	44	Yes	Yes	No	Slight	28
Mar. 13	Muskegon Valley Furniture Co	Muskegon	W. Marks	55	Yes	Yes	No	Slight	7
April 10	Muskegon Valley Furniture Co	Muskegon	H. Alkema	55	No			Severe	21
April 11	Muskegon Valley Furniture Co	Muskegon	J. Wack	35	Yes	Yes	No	Slight	2
Sept. 10	Muskegon Valley Furniture Co	Muskegon	M. Workman	25	Yes	Yes	No	Severe	35
Jan. 1	Sargent Mfg. Co	Muskegon	G. Branyan	45				Slight	4
July 26	Sargent Mfg. Co	Muskegon	B. Priest	73	Yes	Yes	Yes	Serious	24
Nov. 11	Sargent Mfg. Co	Muskegon	E. Walker	35	Yes	Yes		Slight	
Feb. 21	Stewart Hartshorn Co	Muskegon	I. Westerman	45	Yes	Yes	No	Slight	
Feb. 26	Stewart Hartshorn Co	Muskegon	G. Hoos	56	Yes	Yes	No	Slight	
Mar. 18	Stewart Hartshorn Co	Muskegon	E. Johnson	25	Yes	Yes	Yes	Serious	60
April 4	Stewart Hartshorn Co	Muskegon	R. Nyquist	16	Yes	Yes	No	Slight	14
April 11	Stewart Hartshorn Co	Muskegon	J. Schroeder	50	Yes	Yes	Yes	Severe	
May 13	Stewart Hartshorn Co	Muskegon	F. Kolkowskie	64	Yes	Yes	Yes	Serious	21
May 22	Stewart Hartshorn Co	Muskegon	I. Westerman	45	Yes	Yes	No	Slight	
Sept. 12	Stewart Hartshorn Co	Muskegon	M. Hagstrom	56	Yes	Yes	Yes	Severe	
Sept. 22	Stewart Hartshorn Co	Muskegon	P. Badeaux	35	Yes	Yes	No	Slight	
Nov. 17	Vulcanized Product Co	Muskegon	J. Brown	21	Yes	Yes	Yes	Slight	
Mar. 14	Enterprise Brass Works	Muskegon Hts	G. Tim	26	No		Yes	Severe	90

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	MUSKEGON CO.—*Con.*								
June 20	Enterprise Brass Works	Muskegon Hts	W. DePender	55	Yes	No	Yes	Slight	60
Dec. 23	The Shaw Electric Crane Co	Muskegon Hts	L. Hile	18	No		Yes	Slight	25
April 3	The Shaw Electric Crane Co	Muskegon Hts	A. Kohalski	18	Yes	Yes	Yes	Slight	12
April 14	The Shaw Electric Crane Co	Muskegon Hts	J. DeGraves	20	Yes	Yes	Yes	Slight	21
Oct. 20	The Shaw Electric Crane Co	Muskegon Hts	J. Burfurt	41	No		No	Severe	
Oct. 20	The Shaw Electric Crane Co	Muskegon Hts	W. Pietrich	42	No		No	Slight	28
	NEWAYGO COUNTY.								
Oct. 7	Crescent Mills	Fremont	L. Putnam	57	Yes	No	No	Fatal	
Oct. 21	Newaygo Portland Cement Co	Newaygo	W. Burnham	36	Yes	Yes	No	Serious	
July 4	The Sears & Nichols Co	Pentwater	G. Cure	55	No		No	Severe	
July 1	The Sears & Nichols Co	Pentwater	E. Houseman	62	No		No	Slight	
	OAKLAND COUNTY.								
July 30	Michigan Truck & Lumber Co	Holly	H. Horton	45	Yes	Yes	No	Serious	60
Aug. 13	Eastern Michigan Edison Co	Pontiac	A. Smith	35	Yes	Yes	Yes	Fatal	
	OTSEGO COUNTY.								
Dec. 24	Dayton Last Block Co	Gaylord	H. Westren	28	Yes		Yes	Severe	24
Jan. 14	Dayton Last Block Co	Gaylord	J. Granges	30	Yes			Slight	
Jan. 17	Dayton Last Block Co	Gaylord	L. Ogden	18	Yes	Yes		Slight	2
Jan. 18	Dayton Last Block Co	Gaylord	G. Lake	50	No		No	Slight	
Jan. 18	Dayton Last Block Co	Gaylord	D. Chapman	28	No		No	Slight	
Jan. 29	Dayton Last Block Co	Gaylord	H. Duchelbor	50	Yes	Yes	No	Slight	
Feb. 14	Dayton Last Block Co	Gaylord	C. Haskell	50	No		No	Slight	14
Feb. 15	Dayton Last Block Co	Gaylord	H. Dux	30	No		No	Slight	
Feb. 21	Dayton Last Block Co	Gaylord	L. Dubber	23	No		Yes	Slight	
Feb. 26	Dayton Last Block Co	Gaylord	J. Bonde	35	No			Slight	5
Mar. 13	Dayton Last Block Co	Gaylord	F. Stewert	28	No		No	Severe	28
Mar. 15	Dayton Last Block Co	Gaylord	W. Wilson	55	No		No	Slight	
Mar. 17	Dayton Last Block Co	Gaylord	J. Snyder	33	Yes	Yes		Slight	
Mar. 18	Dayton Last Block Co	Gaylord	B. Walker	40	No		No	Slight	1
April 11	Dayton Last Block Co	Gaylord	L. Ogden	18	No			Severe	14
June 20	Dayton Last Block Co	Gaylord	T. Allen	40	No		No	Severe	90
Nov. 19	Dayton Last Block Co	Gaylord	W. Evans	55	No		No	Slight	
Dec. 4	Dayton Last Block Co	Gaylord	R. Haskel	23	No		No	Slight	3
Dec. 5	Dayton Last Block Co	Gaylord	P. Folk	50	Yes	Yes	No	Slight	
.....	West Side Restaurant	Gaylord	W. Sinclair	55	No		No	Severe	30
Jan. 25	Johannesburg Mfg. Co	Johannesburg	J. McLoud	18	Yes	Yes	Yes	Severe	42
Mar. 1	Johannesburg Mfg. Co	Johannesburg	M. Tinnerty	52	Yes	Yes	Yes	Slight	2
Aug. 19	Johannesburg Mfg. Co	Johannesburg	G. Adams	22	Yes	Yes	Yes	Severe	10
Nov. 5	Johannesburg Mfg. Co	Johannesburg	J. Norman	35	Yes	Yes	Yes	Slight	8
April 9	Henry Stephens & Co	Waters	R. Mensie	32	Yes	Yes	Yes	Severe	120
May 28	Henry Stephens & Co	Waters	J. Jalunbick	30	Yes		No	Severe	30
July 22	Henry Stephens & Co	Waters	J. Bory	35				Fatal	
Aug. 15	Henry Stephens & Co	Waters	A. Ignatz	38	Yes	Yes		Severe	28
Nov. 7	Henry Stephens & Co	Waters	W. Clawson	30	No		Yes	Fatal	
Feb. 5	Yuill Bros	Vanderbilt	C. Staley	28	Yes	Yes		Serious	150
May 31	Yuill Bros	Vanderbilt	L. Sherman	28	Yes	Yes	Yes	Severe	135
Sept. 22	Yuill Bros	Vanderbilt	A. McCoy	35	Yes	Yes	No	Severe	21
Sept. 11	Yuill Bros	Vanderbilt	W. Coots	28	Yes	Yes	No	Severe	30
Oct. 14	Yuill Bros	Vanderbilt	M. Koholski	30	No			Severe	35

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	OSCEOLA COUNTY.								
Jan. 3	Jones & Green	Dighton	H. Swift	22	Yes	Yes	No	Severe	30
May 19	American Logging Tool Co	Evart	W. Argne	62	Yes	Yes	Yes	Severe	28
Oct. 29	American Logging Tool Co	Evart	W. Corey	26	Yes	No	No	Severe	39
Mar. 20	Du Roy Mfg. Co	Park Lake	M. Helmbolt	22	Yes	Yes	Yes	Slight	21
Sept. 13	Du Roy Mfg. Co	Park Lake	D. Worden	24	Yes	No	Yes	Slight	21
	OTTAWA COUNTY.								
Jan. 15	Johnson Bros	Ferrysburg	R. Rider	45	No		No	Serious	30
Feb. 19	Johnson Bros	Ferrysburg	E. Green	50	Yes	Yes	Yes	Slight	14
Mar. 17	Johnson Bros	Ferrysburg	P. Dewitt	34	No			Slight	
April 22	Johnson Bros	Ferrysburg	J. Roller	35	No		No	Serious	30
May 23	Challenge Refrigerator Co	Grand Haven	W. Swartz	21	Yes	Yes	Yes	Serious	21
July 25	Challenge Refrigerator Co	Grand Haven	J. Allen	18	Yes	Yes	Yes	Slight	10
May 18	Buss Machine Works	Holland	H. Kamper	51	Yes	Yes	No	Slight	7
Dec. 4	Cappon & Bertsch Leather Co	Holland	R. Rilsen	26	Yes	Yes	Yes	Severe	11
Jan. 8	Cappon & Bertsch Leather Co	Holland	R. Schatten	28	Yes	Yes	Yes	Slight	22
Jan. 24	Cappon & Bertsch Leather Co	Holland	J. Mulder	33	Yes	Yes	Yes	Slight	22
June 17	Cappon & Bertsch Leather Co	Holland	M. Mulder	21	Yes	Yes	Yes	Slight	21
Jan. 1	Holland-St. Louis Sugar Co	Holland	W. Johnson	40	Yes	Yes	No	Serious	56
Jan. 13	Holland-St. Louis Sugar Co	Holland	D. Maxted	35	Yes	Yes	No	Serious	56
June 25	Holland-St. Louis Sugar Co	Holland	J. Frego	42	Yes	Yes	No	Slight	1
June 2	C. L. Kling Co	Holland	J. Schroeder	20	No		No	Slight	30
June 12	C. L. Kling Co	Holland	J. VanDerzwaag	40	No		Yes	Slight	40
July 21	C. L. Kling Co	Holland	W. Westhorok	60	Yes	Yes	Yes	Severe	40
Sept. 11	West Michigan Furniture Co	Holland	L. Thomas	21	Yes	Yes	Yes	Slight	5
Oct. 22	West Michigan Furniture Co	Holland	M. TenBrink	19	Yes	Yes	Yes	Slight	6
Nov. 8	West Michigan Furniture Co	Holland	J. Messelink	17	Yes	Yes	Yes	Slight	12
Nov. 15	West Michigan Furniture Co	Holland	J. Der	19	Yes	Yes	Yes	Slight	5
Dec. 23	West Michigan Furniture Co	Holland	D. Denks	27	Yes	Yes	Yes	Slight	18
Dec. 24	West Michigan Furniture Co	Holland	P. Eilander	17	Yes	Yes	Yes	Slight	13
Jan. 9	West Michigan Furniture Co	Holland	F. Haight	63	Yes	Yes	Yes	Slight	18
Mar. 19	West Michigan Furniture Co	Holland	R. Fisher	35	Yes	Yes	Yes	Slight	13
April 26	West Michigan Furniture Co	Holland	O. Mall	26	No		No	Slight	3
May 5	West Michigan Furniture Co	Holland	J. Arendsen	39	Yes	Yes	Yes	Slight	2
June 25	West Michigan Furniture Co	Holland	E. Myner	18	Yes	Yes	Yes	Slight	21
July 8	West Michigan Furniture Co	Holland	E. DeWaart	45	Yes	Yes	Yes	Slight	13
Jan. 17	Wolverine Furniture Co	Zeeland	J. Petroglie	24	Yes	Yes	Yes	Severe	51
	PRESQUE ISLE COUNTY.								
May 17	Michigan Limestone & Chemical Co	Calcite	J. Frigio	23	No		No	Serious	140
June 11	Michigan Limestone & Chemical Co	Calcite	F. Truckey	40	No		No	Severe	56
July 23	Michigan Limestone & Chemical Co	Calcite	E. Rusch	29	Yes		No	Fatal	
Aug. 28	Michigan Limestone & Chemical Co	Calcite	L. Beebe	33	Yes	Yes		Severe	210
Sept. 19	Michigan Limestone & Chemical Co	Calcite	W. White	22	No		No	Severe	28
Dec. 17	The American Wood Rim Co	Onaway	A. Lockwood	40	Yes	No	No	Serious	35
April 4	The American Wood Rim Co	Onaway	G. Cargill	41	Yes	Yes	No	Severe	21
April 4	The American Wood Rim Co	Onaway	H. Perry	23	No		No	Severe	16
Aug. 20	The American Wood Rim Co	Onaway	R. Young	16	Yes	Yes	No	Severe	19
Sept. 9	The American Wood Rim Co	Onaway	W. Cutting	51	Yes	Yes	No	Serious	52
Sept. 16	The American Wood Rim Co	Onaway	E. Lake	45	Yes	Yes	No	Severe	23
June 18	Gardner, Peterman & Co	Onaway	J. Hatton	55	No		No	Severe	21
Aug. 7	Gardner, Peterman & Co	Onaway	C. Mero	35	Yes	Yes	No	Slight	11
Oct. 24	Gardner, Peterman & Co	Onaway	J. Swartz	21	Yes		No	Slight	6
Jan. 29	Lobdell-Emery Co	Onaway	S. Curtis	58	No		No	Severe	19

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	PRESQUE ISLE CO.—*Con.*								
Feb. 25	Lobdell-Emery Co	Onaway	L. Evans	41	Yes	Yes	No	Serious	455
Mar. 11	Lobdell-Emery Co	Onaway	J. Mills	32	Yes	Yes	No	Severe	3
Mar. 15	Lobdell-Emery Co	Onaway	J. Switzer	37	Yes	Yes	Yes	Severe	6
July 2	Lobdell-Emery Co	Onaway	L. Morford	20	No		No	Severe	17
Aug. 5	Lobdell-Emery Co	Onaway	R. Coswell	17	No		No	Severe	20
Aug. 29	Lobdell-Emery Co	Onaway	A. Ousterhouse	50	Yes	Yes	No	Severe	57
Sept. 5	Lobdell-Emery Co	Onaway	G. Benns	55	No		No	Severe	35
Sept. 25	Lobdell-Emery Co	Onaway	W. Grives	63	No		No	Severe	17
Oct. 10	Lobdell-Emery Co	Onaway	O. McGrath	39	Yes	Yes	No	Severe	30
Oct. 13	Lobdell-Emery Co	Onaway	J. Golmus	26	No		No	Severe	34
	SAGINAW COUNTY.								
May 12	S. L. Eastman	Carrollton	J. Jenski	23	Yes	Yes	No	Severe	30
June 20	C. A. Andrus	Saginaw	J. Sitten	70	No		No	Severe	
April 13	Au Sable Electric Co	Saginaw	G. Gregory	27	No			Slight	
Sept. 4	Au Sable Electric Co	Saginaw	T. Owens	29	No			Slight	
Oct. 2	Au Sable Electric Co	Saginaw	C. Gerow	21	Yes	Yes	Yes	Fatal	
Oct. 8	Au Sable Electric Co	Saginaw	J. Brisk	39	Yes	Yes	Yes	Slight	
Feb. 28	Berst Mfg. Co	Saginaw	W. Moore	52	Yes	Yes	Yes	Severe	21
Feb. 5	Columbia Western Mills	Saginaw	D. Wressel	18	Yes	Yes		Slight	30
Feb. 5	Columbia Western Mills	Saginaw	T. Averill	45	No			Slight	14
Mar. 27	Columbia Western Mills	Saginaw	M. Kruske	15	Yes	Yes	Yes	Severe	49
July 21	Columbia Western Mills	Saginaw	W. Schults	14	Yes	Yes	Yes	Severe	14
Jan. 24	Eastern Michigan Power Co	Saginaw	J. Kline	25	Yes	Yes		Slight	
June 3	S. L. Eastman Co	Saginaw	W. Hluser	16	No			Severe	30
May 3	Erd Motor Co	Saginaw	G. Bresseau	20	Yes	Yes	No	Serious	16
	Erd Motor Co	Saginaw	C. Koraliskey	19	Yes	Yes	No	Serious	14
June 7	Helprecht Machine Co	Saginaw	D. Colethi	18	Yes	Yes	Yes	Slight	7
Aug. 7	Helprecht Machine Co	Saginaw	W. Savage	18	No			Slight	10
Jan. 22	Jackson-Church-Wilcox Co	Saginaw	A. Radewaher	23	No		No	Serious	121
Sept. 3	Jackson-Church-Wilcox Co	Saginaw	F. Massman	53	Yes		Yes	Severe	28
June 26	The McClure Co	Saginaw	F. Andriski	50	No		No	Severe	21
July 2	The McClure Co	Saginaw	S. Farran	30	Yes	Yes	Yes	Severe	7
Mar. 25	Michigan Glass Co	Saginaw	E. Tick	17	No		No	Severe	56
July 20	Michigan Glass Co	Saginaw	P. Brieske	29	Yes	Yes	Yes	Slight	21
Dec. 21	Michigan Glass Co	Saginaw	P. Labrash	73	No		Yes	Slight	
Jan. 6	Michigan Glass Co	Saginaw	H. Powell	18	Yes	Yes	Yes	Serious	56
Sept. 14	Wm. Polson & Co	Saginaw	S. Jamrog	22	Yes	Yes		Severe	60
Sept. 16	Wm. Polson & Co	Saginaw	G. Lester	54	Yes	Yes		Severe	14
Oct. 20	Wm. Polson & Co	Saginaw	W. Thursbuy	45	No		No	Severe	22
Feb. 4	E. A. Robertson Co	Saginaw	M. Griffin	35	No		No	Serious	185
Oct. 25	Robertson's Laundry	Saginaw	A. McDonald	19	No		Yes	Severe	30
Nov. 29	Robertson's Laundry	Saginaw	Mrs. Greenwald	40	No			Slight	12
Nov. 21	Saginaw Mfg. Co	Saginaw	J. Kalahan	18	Yes	Yes	No	Slight	25
Feb. 21	Saginaw Mfg. Co	Saginaw	A. Schmidt	19	Yes	Yes	No	Slight	32
April 1	Saginaw Mfg. Co	Saginaw	A. Buckley	16	Yes	Yes	No	Slight	50
May 5	Saginaw Mfg. Co	Saginaw	A. Roll	19	Yes	Yes	No	Slight	30
Sept. 5	Saginaw Mfg. Co	Saginaw	M. Gorney	20	Yes	Yes	No	Slight	39
May 20	Saginaw Mirror Works	Saginaw	J. Diffey	50	Yes	Yes	No	Slight	
July 25	Saginaw Mirror Works	Saginaw	H. Danhoff	20	No		No	Severe	22
Sept. 6	Saginaw Plate Glass Co	Saginaw	P. Emert	58	No		No	Severe	14
Sept. 6	Saginaw Plate Glass Co	Saginaw	J. Schafer	60	No		No	Slight	7
Sept. 17	Saginaw Plate Glass Co	Saginaw	S. Cork	28	No		No	Severe	10
Oct. 9	Saginaw Plate Glass Co	Saginaw	R. Bonnaillei	68	No		No	Severe	30
Oct. 13	Saginaw Plate Glass Co	Saginaw	J. Sudro	22	No			Slight	10
Oct. 16	Saginaw Plate Glass Co	Saginaw	H. Buergel	63	Yes		No	Severe	21
Oct. 29	Saginaw Plate Glass Co	Saginaw	G. Stadtlander	44	Yes		Yes	Severe	10

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Record of accidents given by counties, etc.—Continued.

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	SAGINAW CO.—*Con.*								
Nov. 5	Saginaw Plate Glass Co	Saginaw	J. Horselki	26	Yes		Yes	Serious	21
Nov. 29	Saginaw Plate Glass Co	Saginaw	G. Stadtlander	44	No		No	Serious	56
Dec. 3	Saginaw Plate Glass Co	Saginaw	W. Williams	27	Yes			Serious	10
Dec. 7	Saginaw Plate Glass Co	Saginaw	K. Becker	37	Yes			Severe	14
Dec. 9	Saginaw Plate Glass Co	Saginaw	J. Decker	23	No			Slight	7
Dec. 17	Saginaw Plate Glass Co	Saginaw	F. Becker	35	No			Severe	10
Dec. 12	Saginaw Plate Glass Co	Saginaw	D. Brown	27	No			Serious	20
Dec. 31	Saginaw Plate Glass Co	Saginaw	A. Lange	25	No			Slight	7
Jan. 25	Saginaw Plate Glass Co	Saginaw	J. Slawinski	22	No			Slight	....
Feb. 19	Saginaw Plate Glass Co	Saginaw	H. Carpenter	35	No			Severe	14
Feb. 24	Saginaw Plate Glass Co	Saginaw	J. Skoske	21	No			Serious	21
Feb. 24	Saginaw Plate Glass Co	Saginaw	J. Slawinsky	22					....
Mar. 7	Saginaw Plate Glass Co	Saginaw	J. Campbell	42	No			Serious	10
May 23	Saginaw Plate Glass Co	Saginaw	J. Stopka	29	No			Severe	21
May 23	Saginaw Plate Glass Co	Saginaw	J. Gudro	22	No			Slight	14
May 27	Saginaw Plate Glass Co	Saginaw	S. Andrews	46	No			Severe	21
June 6	Saginaw Plate Glass Co	Saginaw	C. Hollenbeck	....	No			Severe	21
June 17	Saginaw Plate Glass Co	Saginaw	D. Romstock	23	No			Slight	7
June 21	Saginaw Plate Glass Co	Saginaw	J. Street	24	No			Severe	14
June 23	Saginaw Plate Glass Co	Saginaw	C. Eeimer	52	No			Severe	21
June 23	Saginaw Plate Glass Co	Saginaw	J. Campbell	42	No			Serious	....
June 30	Saginaw Plate Glass Co	Saginaw	B. Cickovsky	21	No			Severe	21
July 2	Saginaw Plate Glass Co	Saginaw	E. Gasper	18	No			Severe	21
July 2	Saginaw Plate Glass Co	Saginaw	H. Brosowsky	20	No			Severe	14
July 4	Saginaw Plate Glass Co	Saginaw	J. Sairnsky	20	No			Severe	14
July 7	Saginaw Plate Glass Co	Saginaw	H. Dornfield	19	No			Serious	21
July 7	Saginaw Plate Glass Co	Saginaw	F. Fales	19	No			Serious	21
July 18	Saginaw Plate Glass Co	Saginaw	R. Claren	20	No			Severe	10
July 20	Saginaw Plate Glass Co	Saginaw	A. St. Charles	31	No			Slight	....
July 28	Saginaw Plate Glass Co	Saginaw	G. Stahl	36	No			Severe	7
July 28	Saginaw Plate Glass Co	Saginaw	L. Kaiser	32	No			Serious	30
July 31	Saginaw Plate Glass Co	Saginaw	H. Gillis	28	No			Severe	7
July 31	Saginaw Plate Glass Co	Saginaw	W. DeLuke	50	Yes	Yes	No	Severe	30
Aug. 1	Saginaw Plate Glass Co	Saginaw	W. Knesky	21	No			Slight	3
Aug. 6	Saginaw Plate Glass Co	Saginaw	C. Hull	19	No			Slight	4
Aug. 14	Saginaw Plate Glass Co	Saginaw	C. Schmidtke	50	No			Serious	21
Aug. 20	Saginaw Plate Glass Co	Saginaw	S. Bardonski	20	No			Serious	12
Aug. 26	Saginaw Plate Glass Co	Saginaw	J. Gass	....	No			Severe	30
June 10	Saginaw Specialty Co	Saginaw	A. Wahl	18	Yes	Yes	Yes	Slight	30
Sept. 8	Scheurm Brewing Co	Saginaw	H. Plank	45	No		No	Slight	....
Sept. 24	Scheurm Brewing Co	Saginaw	W. Mechleder	37	No		No	Fatal	....
Nov. 4	Scheurm Brewing Co	Saginaw	L. Murier	54	Yes	Yes		Slight	6
July 8	Scheurm Brewing Co	Saginaw	C. Reis	....	No			Slight	5
Dec. 14	Valley Cornice & Slate Co	Saginaw	C. Schiemeyer	20	No		No	Serious	105
Aug. 13	Valley Home Telephone Co	Saginaw	L. Johnson	20	No		No	Severe	....
July 2	Wickes Brothers	Saginaw	F. Statter	38	Yes	No		Severe	82
April 24	Wickes Brothers	Saginaw	J. Campbell	38	Yes	No		Severe	70
Aug. 16	The Wickes Boiler Co	Saginaw	C. Melowski	22	No		Yes	Severe	25
	SCHOOLCRAFT COUNTY.								
April 6	White Marble Lime Co	Blaney	P. Johnson	47	No		No	Severe	152
Oct. 21	Jos. V. Boncher	Manistique	C. Ewald	26	Yes	Yes	No	Severe	30
Jan. 4	Consolidated Lumber Co	Manistique	J. Charobik	31	No			Slight	1
Jan. 14	Consolidated Lumber Co	Manistique	S. Collins	50	No			Slight	....
Jan. 14	Consolidated Lumber Co	Manistique	G. Tidd	54	No			Slight	1

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	SCHOOLCRAFT CO.—*Con.*								
Feb. 1	Consolidated Lumber Co	Manistique	C. Carlson	47	No			Severe	105
Feb. 3	Consolidated Lumber Co	Manistique	J. Perry	40	No			Slight	1
Feb. 10	Consolidated Lumber Co	Manistique	F. Andrews	28	No			Slight	....
Feb. 17	Consolidated Lumber Co	Manistique	E. Martin	63	No			Slight	....
Feb. 17	Consolidated Lumber Co	Manistique	J. Stankovich	18	No			Slight	7
Feb. 20	Consolidated Lumber Co	Manistique	J. Beck	27	No			Slight	7
Feb. 28	Consolidated Lumber Co	Manistique	J. Gasperich	28	No			Slight	5
Mar. 1	Consolidated Lumber Co	Manistique	J. McKiddie	36	No			Slight	4
Mar. 8	Consolidated Lumber Co	Manistique	G. Tidd	54	No			Slight	....
Mar. 10	Consolidated Lumber Co	Manistique	W. Patterson	45	No			Severe	17
Mar. 25	Consolidated Lumber Co	Manistique	T. Kendall	26	No			Slight	....
June 2	Consolidated Lumber Co	Manistique	J. Moran	50	No			Slight	16
June 4	Consolidated Lumber Co	Manistique	E. LaClair	31	No			Severe	10
June 6	Consolidated Lumber Co	Manistique	P. Osterberg	36	No			Fatal	....
June 18	Consolidated Lumber Co	Manistique	G. Nestell	25	No			Slight	....
June 12	Consolidated Lumber Co	Manistique	E. Hollenbeck	42	No			Slight	....
June 16	Consolidated Lumber Co	Manistique	A. Wharfield	22	No			Slight	....
June 25	Consolidated Lumber Co	Manistique	J. Hedlund	31	No			Severe	7
June 27	Consolidated Lumber Co	Manistique	H. Knudson	....	Yes	Yes		Slight	3
July 7	Consolidated Lumber Co	Manistique	J. Osterhout	22	Yes	Yes		Slight	28
July 8	Consolidated Lumber Co	Manistique	J. Sallstrom	51	No			Slight	5
July 8	Consolidated Lumber Co	Manistique	J. Watson	35	Yes	Yes		Slight	6
July 9	Consolidated Lumber Co	Manistique	A. Ekstrom	51	No			Slight	....
July 11	Consolidated Lumber Co	Manistique	H. Robertson	60	Yes	Yes	No	Slight	3
July 12	Consolidated Lumber Co	Manistique	T. Woof	62	No			Slight	30
July 14	Consolidated Lumber Co	Manistique	A. Wharfield	22	No			Slight	7
July 15	Consolidated Lumber Co	Manistique	W. Clement	34	No			Slight	6
July 31	Consolidated Lumber Co	Manistique	A. Durno	18	No			Slight	....
Aug. 6	Consolidated Lumber Co	Manistique	J. Osterhout	55	Yes	Yes		Slight	....
Aug. 3	Consolidated Lumber Co	Manistique	A. Pecor	30	Yes	Yes		Slight	....
Aug. 13	Consolidated Lumber Co	Manistique	F. Miknus	33	No			Slight	2
Aug. 18	Consolidated Lumber Co	Manistique	E. Annis	25	No			Slight	5
Aug. 23	Consolidated Lumber Co	Manistique	G. Pacharich	45	Yes	Yes		Slight	23
Aug. 29	Consolidated Lumber Co	Manistique	F. Hess	25	No			Slight	10
Sept. 3	Consolidated Lumber Co	Manistique	F. Jones	33	No			Slight	....
Sept. 10	Consolidated Lumber Co	Manistique	T. Kendall	25	No			Slight	....
Sept. 19	Consolidated Lumber Co	Manistique	J. Drykos	38	No			Slight	16
Sept. 19	Consolidated Lumber Co	Manistique	H. Steffenson	52	No			Slight	....
Sept. 25	Consolidated Lumber Co	Manistique	G. Norman	....	No			Slight	....
Sept. 30	Consolidated Lumber Co	Manistique	J. Doyle	50	No			Slight	....
Oct. 7	Consolidated Lumber Co	Manistique	J. Kassum	43	Yes	Yes	No	Slight	....
Oct. 9	Consolidated Lumber Co	Manistique	J. Lassica	33	No		No	Slight	4
Oct. 11	Consolidated Lumber Co	Manistique	W. Ducheny	38	Yes	Yes		Severe	....
Oct. 13	Consolidated Lumber Co	Manistique	T. Kendall	26	No			Slight	....
Oct. 13	Consolidated Lumber Co	Manistique	W. Chapman	32	No			Severe	....
Oct. 13	Consolidated Lumber Co	Manistique	J. Chainacky	40	No			Slight	....
Mar. 13	Goodwillie Bros	Manistique	F. Moran	60	No		No	Serious	60
April 16	Goodwillie Bros	Manistique	A. Murphy	....	Yes	Yes	No	Serious	32
July 16	Goodwillie Bros	Manistique	J. Manis	20	Yes	Yes	No	Severe	18
Jan. 13	Lake Superior Iron & Chemical Co	Manistique	J. Carlson	35	No		No	Severe	10
Jan. 13	Lake Superior Iron & Chemical Co	Manistique	J. Wingartner	50	No		No	Severe	7
Jan. 30	Lake Superior Iron & Chemical Co	Manistique	L. Donaldson	45	No		No	Serious	60
Feb. 1	Lake Superior Iron & Chemical Co	Manistique	S. Cline	26	Yes	Yes	No	Severe	5
Feb. 7	Lake Superior Iron & Chemical Co	Manistique	J. Rostor	35	No		No	Slight	3
Feb. 8	Lake Superior Iron & Chemical Co	Manistique	F. Kogler	45	No		Yes	Slight	4
Feb. 9	Lake Superior Iron & Chemical Co	Manistique	H. Smith	35	Yes	Yes	No	Severe	2
Feb. 15	Lake Superior Iron & Chemical Co	Manistique	A. Sharkey	31	Yes		No	Slight	3
Feb. 20	Lake Superior Iron & Chemical Co	Manistique	M. Schultz	35	No		No	Serious	....
Mar. 2	Lake Superior Iron & Chemical Co	Manistique	W. Parker	25	No		No	Slight	3
Mar. 27	Lake Superior Iron & Chemical Co	Manistique	T. Nutting	28	Yes		No	Slight	6

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	SCHOOLCRAFT CO.—*Con.*								
Mar. 28	Lake Superior Iron & Chemical Co.	Manistique	G. Carlson	25	No		No	Slight	3
Mar. 29	Lake Superior Iron & Chemical Co.	Manistique	W. Kirsmik	30	Yes		No	Serious	90
April 17	Lake Superior Iron & Chemical Co.	Manistique	W. Sandbury	42	No		No	Severe	25
May 7	Lake Superior Iron & Chemical Co.	Manistique	J. Visceri	35	Yes		No	Severe	15
May 17	Lake Superior Iron & Chemical Co.	Manistique	M. Corie	45	No		No	Severe	20
June 3	Lake Superior Iron & Chemical Co.	Manistique	H. Smith	35	No		No	Slight	3
June 8	Lake Superior Iron & Chemical Co.	Manistique	W. Jany	23	No		No	Severe	10
June 19	Lake Superior Iron & Chemical Co.	Manistique	J. Fascerie	30	No		No	Severe	10
June 20	Lake Superior Iron & Chemical Co.	Manistique	T. Attvoria	27	No		No	Slight	3
June 30	Lake Superior Iron & Chemical Co.	Manistique	G. Slishock	40	No		No	Severe	12
July 4	Lake Superior Iron & Chemical Co.	Manistique	C. Gents	28	No		No	Slight	4
July 9	Lake Superior Iron & Chemical Co.	Manistique	G. Bigelow	27	No		No	Slight	12
July 16	Lake Superior Iron & Chemical Co.	Manistique	J. Demensco	30	No		No	Severe	8
July 16	Lake Superior Iron & Chemical Co.	Manistique	P. Dorkos	35	No		No	Severe	5
July 17	Lake Superior Iron & Chemical Co.	Manistique	N. Palumbo	28	No		No	Slight	5
July 19	Lake Superior Iron & Chemical Co.	Manistique	G. Frankovitch	48	No		No	Slight	5
July 23	Lake Superior Iron & Chemical Co.	Manistique	T. Demensco	35	Yes	Yes	No	Severe	12
Aug. 18	Lake Superior Iron & Chemical Co.	Manistique	C. Poline	24	Yes	Yes	No	Slight	6
Aug. 20	Lake Superior Iron & Chemical Co.	Manistique	P. Jassick	35	No			Slight	3
Sept. 1	Lake Superior Iron & Chemical Co.	Manistique	J. Demensco	35	No		No	Severe	11
Sept. 1	Lake Superior Iron & Chemical Co.	Manistique	A. Resavie	40	No		No	Severe	10
Sept. 1	Lake Superior Iron & Chemical Co.	Manistique	J. George	20	No		No	Slight	7
Sept. 2	Lake Superior Iron & Chemical Co.	Manistique	G. Wydo	45	No		No	Slight	4
Sept. 8	Lake Superior Iron & Chemical Co.	Manistique	M. Olerg	45	No		No	Slight	4
Sept. 29	Lake Superior Iron & Chemical Co.	Manistique	F. Ruby	55	No		No	Slight	7
Oct. 9	Lake Superior Iron & Chemical Co.	Manistique	A. Fecketty	18	No			Slight	7
Oct. 17	Lake Superior Iron & Chemical Co.	Manistique	C. Secolone	30	No		No	Severe	10
Oct. 24	Lake Superior Iron & Chemical Co.	Manistique	J. Deminco	40	No		No	Slight	6
Dec. 20	Lake Superior Iron & Chemical Co.	Manistique	W. McNecse	55	No		No	Serious	81
Aug. 4	White Marble Lime Co	Manistique	T. Friture	26	No		No	Slight	14
Sept. 22	White Marble Lime Co	Manistique	O. Larson	35	No		No	Slight	16
Sept. 25	White Marble Lime Co	Manistique	J. Chicogo	36	No		No	Slight	19
Sept. 7	White Marble Lime Co	Marblehead	W. Hobson	46	No		No	Slight	7
	ST. CLAIR COUNTY.								
May 3	Mizel Brownell	Port Huron	G. Ernst	53				Severe	30
Aug. 2	G. Cheny	Port Huron	G. Cheny	50	No			Severe	56
Aug. 15	Grand Trunk Elevator	Port Huron	M. Morse	35			No	Slight	30
Nov. 15	J. Fead	Port Huron	S. Birch	17	Yes	Yes	Yes	Slight	10
Aug. 15	C. Kimball	Port Huron	A. Berringer	65	No		No	Serious	28
Oct. 9	C. Kimball	Port Huron	A. Dulmage	55	No			Severe	21
Dec. 3	Morton Salt Co	Port Huron	F. Pringle	26	Yes	Yes	Yes	Slight	
Jan. 2	Morton Salt Co	Port Huron	W. Harris	17	Yes	Yes	Yes	Severe	28
Jan. 3	Morton Salt Co	Port Huron	J. VanKuren	38	No		Yes	Slight	3
Jan. 17	Morton Salt Co	Port Huron	P. Ward	55	Yes	Yes	Yes	Severe	71
Jan. 21	Morton Salt Co	Port Huron	G. Tjamrozick	39	No		No	Severe	
Jan. 21	Morton Salt Co	Port Huron	H. Rensich	36	No		No	Fatal	
Jan. 21	Morton Salt Co	Port Huron	E. McFarland	37	Yes	Yes	No	Fatal	
Jan. 21	Morton Salt Co	Port Huron	A. Churchill	49	No		No	Fatal	
Jan. 27	Morton Salt Co	Port Huron	J. Kelly	24	No		Yes	Slight	
Feb. 3	Morton Salt Co	Port Huron	J. Zobel	36	Yes	Yes	Yes	Slight	14
Feb. 15	Morton Salt Co	Port Huron	A. Cusich	25	Yes	Yes	Yes	Slight	37
Mar. 22	Morton Salt Co	Port Huron	F. McIntyre	61	No		Yes	Fatal	
Mar. 12	Morton Salt Co	Port Huron	F. Insh	35	Yes	Yes	Yes	Slight	
Mar. 15	Morton Salt Co	Port Huron	G. McCollum	40	No		Yes	Severe	103

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	ST. CLAIR CO.—*Con.*								
Mar. 26	Morton Salt Co	Port Huron	A. Nestle	35	Yes	Yes	Yes	Slight	....
April 1	Morton Salt Co	Port Huron	M. Daniels	23	No	....	Yes	Slight	....
April 4	Morton Salt Co	Port Huron	H. Steiner	16	Yes	Yes	Yes	Slight	....
April 15	Morton Salt Co	Port Huron	F. Suib	35	No	....	Yes	Slight	....
May 13	Morton Salt Co	Port Huron	H. Hudson	32	No	....	Yes	Severe	96
June 5	Morton Salt Co	Port Huron	C. Whitosse	35	No	....	Yes	Slight	2
June 26	Morton Salt Co	Port Huron	J. Stacey	43	Yes	Yes	Yes	Slight	....
July 1	Morton Salt Co	Port Huron	J. Lenh	39	Yes	Yes	Yes	Slight	....
July 1	Morton Salt Co	Port Huron	T. Biskner	38	Yes	Yes	Yes	Slight	4
July 7	Morton Salt Co	Port Huron	C. Nightingale	23	No	....	Yes	Slight	....
July 9	Morton Salt Co	Port Huron	G. King	24	Yes	Yes	No	Severe	54
July 16	Morton Salt Co	Port Huron	R. Woodard	42	Yes	Yes	Yes	Slight	4
July 16	Morton Salt Co	Port Huron	B. Walters	57	No	....	Yes	Slight	3
July 21	Morton Salt Co	Port Huron	E. King	43	Yes	Yes	Yes	Slight	3
July 22	Morton Salt Co	Port Huron	H. Steiner	17	Yes	Yes	Yes	Slight	....
July 24	Morton Salt Co	Port Huron	R. Woodword	42	No	....	Yes	Slight	7
Aug. 4	Morton Salt Co	Port Huron	J. Schenbuth	52	Yes	Yes	Yes	Slight	4
Aug. 5	Morton Salt Co	Port Huron	R. Monn	17	Yes	Yes	Yes	Slight	6
Aug. 8	Morton Salt Co	Port Huron	S. Mear	24	Yes	Yes	Yes	Slight	6
Aug. 14	Morton Salt Co	Port Huron	L. Bearden	30	No	....	Yes	Slight	5
Aug. 16	Morton Salt Co	Port Huron	C. Miller	24	No	....	Yes	Slight	2
Aug. 16	Morton Salt Co	Port Huron	R. Christie	24	No	....	No	Slight	42
Aug. 19	Morton Salt Co	Port Huron	H. Rutkofski	21	Yes	Yes	Yes	Slight	2
Aug. 21	Morton Salt Co	Port Huron	M. Price	20	No	....	Yes	Slight	17
Aug. 25	Morton Salt Co	Port Huron	G. Phillips	16	Yes	Yes	Yes	Slight	6
Aug. 27	Morton Salt Co	Port Huron	F. Wiley	17	Yes	Yes	Yes	Slight	6
Aug. 2	Morton Salt Co	Port Huron	J. Clemens	21	Yes	Yes	Yes	Slight	6
Aug. 31	Morton Salt Co	Port Huron	M. Moligain	29	Yes	Yes	Yes	Slight	8
Sept. 9	Morton Salt Co	Port Huron	G. Oliver	46	No	....	Yes	Slight	4
Sept. 23	Morton Salt Co	Port Huron	F. Potter	60	No	....	Yes	Slight	10
Sept. 27	Morton Salt Co	Port Huron	W. Baron	32	No	....	No	Slight	....
Sept. 27	Morton Salt Co	Port Huron	W. Wiegond	28	No	....	Yes	Slight	....
Oct. 2	Morton Salt Co	Port Huron	G. King	24	....	....	Yes	Slight	21
Oct. 2	Morton Salt Co	Port Huron	W. Coruse	27	....	....	Yes	Slight	12
Oct. 5	Morton Salt Co	Port Huron	J. Reid	19	No	....	No	Slight	....
Oct. 26	Morton Salt Co	Port Huron	H. Steiner	16	Yes	Yes	Yes	Slight	....
Oct. 13	Morton Salt Co	Port Huron	A. Potter	20	Yes	Yes	Yes	Slight	....
May 26	Peninsular Seed Co	Port Huron	O. Jones	68	Yes	Yes	No	Slight	....
July 25	Port Huron Creamery Co	Port Huron	F. Frazier	....	Yes	Yes	No	Serious	21
Aug. 11	Port Huron Creamery Co	Port Huron	G. Blake	40	No	....	....	Slight	17
Sept. 7	Port Huron Engine & Thresher Co	Port Huron	J. Murphy	43	Yes	Yes	No	Slight	....
Sept. 10	Port Huron Engine & Thresher Co	Port Huron	C. Foster	24	Yes	Yes	No	Slight	3
Sept. 10	Port Huron Engine & Thresher Co	Port Huron	F. Ray	58	Yes	Yes	No	Severe	21
Sept. 18	Port Huron Engine & Thresher Co	Port Huron	E. Wiegand	16	Yes	Yes	No	Slight	....
Sept. 23	Port Huron Engine & Thresher Co	Port Huron	M. Foster	40	Yes	Yes	No	Slight	1
Sept. 24	Port Huron Engine & Thresher Co	Port Huron	H. Hall	32	Yes	Yes	No	Slight	....
Sept. 24	Port Huron Engine & Thresher Co	Port Huron	J. Mitchell	60	Yes	Yes	No	Slight	2
Sept. 25	Port Huron Engine & Thresher Co	Port Huron	J. Applegate	33	Yes	Yes	No	Slight	....
Sept. 26	Port Huron Engine & Thresher Co	Port Huron	A. Leak	21	Yes	Yes	No	Slight	....
Sept. 27	Port Huron Engine & Thresher Co	Port Huron	L. Anter	30	Yes	Yes	No	Severe	2
Sept. 30	Port Huron Engine & Thresher Co	Port Huron	H. Kleinstiner	22	Yes	Yes	No	Slight	1
Oct. 1	Port Huron Engine & Thresher Co	Port Huron	F. Baker	36	Yes	Yes	No	Severe	6
Oct. 6	Port Huron Engine & Thresher Co	Port Huron	C. Hellwig	38	Yes	Yes	No	Slight	....
Oct. 10	Port Huron Engine & Thresher Co	Port Huron	W. Taylor	23	Yes	Yes	No	Severe	5
Oct. 9	Port Huron Engine & Thresher Co	Port Huron	F. Gurske	45	Yes	Yes	No	Slight	....
Oct. 11	Port Huron Engine & Thresher Co	Port Huron	J. Rothwell	39	Yes	Yes	No	Severe	8
Oct. 12	Port Huron Engine & Thresher Co	Port Huron	E. Dennison	38	Yes	Yes	No	Slight	....
Oct. 15	Port Huron Engine & Thresher Co	Port Huron	J. Bailey	59	Yes	Yes	No	Slight	....
Oct. 16	Port Huron Engine & Thresher Co	Port Huron	H. Leonard	52	Yes	Yes	No	Slight	....
Oct. 23	Port Huron Engine & Thresher Co	Port Huron	A. Brown	33	Yes	Yes	No	Severe	3

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	St. Clair Co.—*Con.*								
Oct. 29	Port Huron Engine & Thresher Co.	Port Huron	T. McCoomb	34	Yes	Yes	No	Slight	....
Nov. 11	Port Huron Engine & Thresher Co.	Port Huron	P. Lather	25	Yes	Yes	No	Slight	....
Nov. 8	Port Huron Engine & Thresher Co.	Port Huron	T. Hunt	48	Yes	Yes	No	Slight	1
Nov. 11	Port Huron Engine & Thresher Co.	Port Huron	G. Rickett	28	Yes	Yes	No	Severe	4
Nov. 12	Port Huron Engine & Thresher Co.	Port Huron	V. Latham	30	Yes	Yes	No	Slight	....
Nov. 13	Port Huron Engine & Thresher Co.	Port Huron	O. Thrun	54	Yes	Yes	No	Slight	....
Nov. 13	Port Huron Engine & Thresher Co.	Port Huron	F. Bloomfield	24	Yes	Yes	No	Slight	....
Nov. 13	Port Huron Engine & Thresher Co.	Port Huron	C. Hodson	37	Yes	Yes	No	Slight	....
Nov. 19	Port Huron Engine & Thresher Co.	Port Huron	W. Taylor	23	Yes	Yes	No	Slight	....
Nov. 22	Port Huron Engine & Thresher Co.	Port Huron	C. Merts	63	Yes	Yes	No	Slight	....
Nov. 26	Port Huron Engine & Thresher Co.	Port Huron	G. Dimick	17	Yes	Yes	No	Severe	13
Dec. 2	Port Huron Engine & Thresher Co.	Port Huron	R. Clarke	26	Yes	Yes	No	Severe	3
Dec. 3	Port Huron Engine & Thresher Co.	Port Huron	F. Bloomfield	24	Yes	Yes	No	Slight	....
Dec. 3	Port Huron Engine & Thresher Co.	Port Huron	T. Upton	21	Yes	Yes	No	Slight	....
Dec. 5	Port Huron Engine & Thresher Co.	Port Huron	H. Stommel	36	Yes	Yes	No	Severe	21
Dec. 11	Port Huron Engine & Thresher Co.	Port Huron	O. Morrison	21	Yes	Yes	No	Serious	210
Dec. 16	Port Huron Engine & Thresher Co.	Port Huron	J. Feedar	....	Yes	Yes	No	Slight	....
Dec. 18	Port Huron Engine & Thresher Co.	Port Huron	J. Murphy	22	Yes	Yes	No	Slight	2
Dec. 28	Port Huron Engine & Thresher Co.	Port Huron	W. Goyt	33	Yes	Yes	No	Slight	....
Dec. 31	Port Huron Engine & Thresher Co.	Port Huron	F. Corser	33	Yes	Yes	No	Slight	....
Dec. 31	Port Huron Engine & Thresher Co.	Port Huron	F. Smith	52	Yes	Yes	No	Slight	....
Jan. 1	Port Huron Engine & Thresher Co.	Port Huron	L. Smith	39	Yes	Yes	Yes	Slight	....
Jan. 2	Port Huron Engine & Thresher Co.	Port Huron	A. Barker	18	Yes	Yes	No	Slight	....
Jan. 15	Port Huron Engine & Thresher Co.	Port Huron	G. Taylor	45	Yes	Yes	No	Slight	....
Jan. 18	Port Huron Engine & Thresher Co.	Port Huron	A. Hosse	26	Yes	Yes	No	Slight	....
Jan. 20	Port Huron Engine & Thresher Co.	Port Huron	L. Corwin	21	Yes	Yes	No	Slight	3
Jan. 22	Port Huron Engine & Thresher Co.	Port Huron	A. McPherson	78	Yes	Yes	No	Slight	....
Jan. 22	Port Huron Engine & Thresher Co.	Port Huron	F. Bloomfield	24	Yes	Yes	No	Slight	....
Jan. 27	Port Huron Engine & Thresher Co.	Port Huron	L. Corwin	21	Yes	Yes	No	Slight	....
Jan. 30	Port Huron Engine & Thresher Co.	Port Huron	R. Luters	20	Yes	Yes	No	Slight	1
Feb. 2	Port Huron Engine & Thresher Co.	Port Huron	G. Rickett	28	Yes	Yes	No	Slight	....
Feb. 11	Port Huron Engine & Thresher Co.	Port Huron	H. Kleinstiner	22	Yes	Yes	No	Slight	....
Feb. 13	Port Huron Engine & Thresher Co.	Port Huron	T. Bedford	21	Yes	Yes	No	Slight	....
Feb. 13	Port Huron Engine & Thresher Co.	Port Huron	H. Cox	26	Yes	Yes	No	Slight	....
Feb. 25	Port Huron Engine & Thresher Co.	Port Huron	E. Dennison	38	Yes	Yes	No	Slight	....
Feb. 28	Port Huron Engine & Thresher Co.	Port Huron	C. Maxwell	30	Yes	Yes	No	Slight	....
Mar. 5	Port Huron Engine & Thresher Co.	Port Huron	H. Sickles	39	Yes	Yes	No	Slight	....
Mar. 7	Port Huron Engine & Thresher Co.	Port Huron	N. Goodrich	27	Yes	Yes	No	Slight	....
Mar. 11	Port Huron Engine & Thresher Co.	Port Huron	A. Stewart	34	Yes	Yes	No	Serious	5
Mar. 12	Port Huron Engine & Thresher Co.	Port Huron	L. Smith	39	Yes	Yes	No	Slight	....
Mar. 12	Port Huron Engine & Thresher Co.	Port Huron	A. Anderson	37	Yes	Yes	No	Slight	....
Mar. 13	Port Huron Engine & Thresher Co.	Port Huron	E. Atkins	47	Yes	Yes	No	Slight	....
Mar. 14	Port Huron Engine & Thresher Co.	Port Huron	J. Simms	39	Yes	Yes	No	Slight	....
Mar. 17	Port Huron Engine & Thresher Co.	Port Huron	P. Lody	40	Yes	Yes	No	Severe	14
Mar. 19	Port Huron Engine & Thresher Co.	Port Huron	J. Applegate	33	Yes	Yes	No	Slight	....
Mar. 22	Port Huron Engine & Thresher Co.	Port Huron	F. Crawford	29	Yes	Yes	No	Severe	9
Mar. 24	Port Huron Engine & Thresher Co.	Port Huron	F. Winnie	37	Yes	Yes	No	Slight	....
Mar. 25	Port Huron Engine & Thresher Co.	Port Huron	W. Stevens	42	Yes	Yes	No	Severe	6
Mar. 28	Port Huron Engine & Thresher Co.	Port Huron	H. Jewett	25	Yes	Yes	No	Slight	....
Mar. 31	Port Huron Engine & Thresher Co.	Port Huron	A. Anderson	38	Yes	Yes	No	Slight	....
April 2	Port Huron Engine & Thresher Co.	Port Huron	J. Horton	22	Yes	Yes	No	Slight	2
April 3	Port Huron Engine & Thresher Co.	Port Huron	F. Smith	50	Yes	Yes	No	Slight	....
April 3	Port Huron Engine & Thresher Co.	Port Huron	J. O'Rourk	39	Yes	Yes	No	Slight	....
April 10	Port Huron Engine & Thresher Co.	Port Huron	H. Goske	19	Yes	Yes	No	Slight	....
April 11	Port Huron Engine & Thresher Co.	Port Huron	O. Soss	20	Yes	Yes	No	Slight	....
April 14	Port Huron Engine & Thresher Co.	Port Huron	C. Howard	23	Yes	Yes	No	Slight	....
April 14	Port Huron Engine & Thresher Co.	Port Huron	E. Emery	22	Yes	Yes	No	Slight	....
April 15	Port Huron Engine & Thresher Co.	Port Huron	H. Cox	26	Yes	Yes	No	Slight	....
April 15	Port Huron Engine & Thresher Co.	Port Huron	A. Relkin	22	Yes	Yes	No	Slight	....
April 15	Port Huron Engine & Thresher Co.	Port Huron	W. Crowder	32	Yes	Yes	No	Slight	....

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	ST. CLAIR CO.—*Con.*								
April 16	Port Huron Engine & Thresher Co.	Port Huron	R. Wiggins	20	Yes	Yes	No	Slight	....
April 17	Port Huron Engine & Thresher Co.	Port Huron	G. McCormick	31	Yes	Yes	No	Severe	4
April 19	Port Huron Engine & Thresher Co.	Port Huron	A. Relkin	22	Yes	Yes	No	Slight	....
April 19	Port Huron Engine & Thresher Co.	Port Huron	H. Stommel	57	Yes	Yes	No	Slight	....
April 24	Port Huron Engine & Thresher Co.	Port Huron	C. Brown	52	Yes	Yes	No	Slight	....
April 24	Port Huron Engine & Thresher Co.	Port Huron	J. Dornfield	20	Yes	Yes	No	Severe	2
April 26	Port Huron Engine & Thresher Co.	Port Huron	C. Martin	20	Yes	Yes	No	Severe	18
April 29	Port Huron Engine & Thresher Co.	Port Huron	E. Lamere	53	Yes	Yes	No	Slight	....
May 2	Port Huron Engine & Thresher Co.	Port Huron	F. Thron	26	Yes	Yes	No	Slight	....
May 7	Port Huron Engine & Thresher Co.	Port Huron	F. Bloomfield	24	Yes	Yes	No	Slight	....
May 7	Port Huron Engine & Thresher Co.	Port Huron	J. Needham	47	Yes	Yes	No	Slight	....
May 7	Port Huron Engine & Thresher Co.	Port Huron	C. VanCamp	25	Yes	Yes	No	Slight	....
May 9	Port Huron Engine & Thresher Co.	Port Huron	T. Gray	32	Yes	Yes	No	Slight	....
May 10	Port Huron Engine & Thresher Co.	Port Huron	A. Platts	55	Yes	Yes	No	Slight	....
May 14	Port Huron Engine & Thresher Co.	Port Huron	B. Hogerman	27	Yes	Yes	No	Slight	....
May 14	Port Huron Engine & Thresher Co.	Port Huron	R. Levy	49	Yes	Yes	No	Slight	....
May 16	Port Huron Engine & Thresher Co.	Port Huron	K. Kober	29	Yes	Yes	No	Slight	....
May 17	Port Huron Engine & Thresher Co.	Port Huron	C. Hubbard	55	Yes	Yes	No	Slight	....
May 18	Port Huron Engine & Thresher Co.	Port Huron	J. Lorey	41	Yes	Yes	No	Slight	....
May 19	Port Huron Engine & Thresher Co.	Port Huron	E. Smith	21	Yes	Yes	No	Slight	....
May 21	Port Huron Engine & Thresher Co.	Port Huron	A. Relkin	22	Yes	Yes	No	Slight	....
May 21	Port Huron Engine & Thresher Co.	Port Huron	R. Waigrinski	19	Yes	Yes	No	Slight	....
May 22	Port Huron Engine & Thresher Co.	Port Huron	D. McPhee	46	Yes	Yes	No	Slight	....
May 24	Port Huron Engine & Thresher Co.	Port Huron	J. Harmoty	....	Yes	Yes	No	Slight	....
June 3	Port Huron Engine & Thresher Co.	Port Huron	E. Foster	28	Yes	Yes	No	Slight	....
June 5	Port Huron Engine & Thresher Co.	Port Huron	A. Brown	33	Yes	Yes	No	Slight	....
June 5	Port Huron Engine & Thresher Co.	Port Huron	D. McClellan	21	Yes	Yes	No	Severe	7
June 9	Port Huron Engine & Thresher Co.	Port Huron	F. Smith	53	Yes	Yes	No	Slight	....
June 12	Port Huron Engine & Thresher Co.	Port Huron	H. Kuhr	20	Yes	Yes	No	Slight	....
June 12	Port Huron Engine & Thresher Co.	Port Huron	R. Woodward	42	Yes	Yes	No	Slight	....
June 12	Port Huron Engine & Thresher Co.	Port Huron	A. Peterson	26	Yes	Yes	No	Severe	11
June 12	Port Huron Engine & Thresher Co.	Port Huron	L. Raspberry	44	Yes	Yes	No	Slight	....
June 13	Port Huron Engine & Thresher Co.	Port Huron	G. Dimick	60	Yes	Yes	No	Slight	....
June 14	Port Huron Engine & Thresher Co.	Port Huron	C. Doty	21	Yes	Yes	No	Severe	8
June 14	Port Huron Engine & Thresher Co.	Port Huron	G. Sanders	26	Yes	Yes	No	Slight	....
June 14	Port Huron Engine & Thresher Co.	Port Huron	L. Schaefer	24	Yes	Yes	No	Slight	....
June 21	Port Huron Engine & Thresher Co.	Port Huron	N. Sturdevant	53	Yes	Yes	No	Slight	....
June 23	Port Huron Engine & Thresher Co.	Port Huron	C. Brown	58	Yes	Yes	No	Slight	....
June 23	Port Huron Engine & Thresher Co.	Port Huron	E. Raul	44	Yes	Yes	No	Slight	....
June 23	Port Huron Engine & Thresher Co.	Port Huron	H. Jewett	25	Yes	Yes	No	Slight	....
June 24	Port Huron Engine & Thresher Co.	Port Huron	D. McPhee	47	Yes	Yes	No	Slight	2
June 24	Port Huron Engine & Thresher Co.	Port Huron	F. Frazier	24	Yes	Yes	No	Slight	....
June 26	Port Huron Engine & Thresher Co.	Port Huron	F. Simpson	21	Yes	Yes	No	Slight	....
June 27	Port Huron Engine & Thresher Co.	Port Huron	F. Gottlieb	36	Yes	Yes	No	Slight	....
June 28	Port Huron Engine & Thresher Co.	Port Huron	G. Paul	18	Yes	Yes	No	Slight	....
July 2	Port Huron Engine & Thresher Co.	Port Huron	F. West	21	Yes	Yes	No	Slight	1
July 10	Port Huron Engine & Thresher Co.	Port Huron	J. Spencer	42	Yes	Yes	No	Severe	....
July 11	Port Huron Engine & Thresher Co.	Port Huron	G. Wade	50	Yes	Yes	No	Slight	....
July 12	Port Huron Engine & Thresher Co.	Port Huron	N. Fisher	32	Yes	Yes	No	Slight	....
July 16	Port Huron Engine & Thresher Co.	Port Huron	B. Jex	24	Yes	Yes	No	Severe	7
July 18	Port Huron Engine & Thresher Co.	Port Huron	A. Newlon	19	Yes	Yes	No	Slight	....
July 19	Port Huron Engine & Thresher Co.	Port Huron	F. Frazier	24	Yes	Yes	No	Slight	....
July 24	Port Huron Engine & Thresher Co.	Port Huron	G. Thomas	21	Yes	Yes	No	Severe	8
July 24	Port Huron Engine & Thresher Co.	Port Huron	J. Marion	36	Yes	Yes	No	Slight	....
July 28	Port Huron Engine & Thresher Co.	Port Huron	G. Dimick	69	Yes	Yes	No	Severe	28
Aug. 1	Port Huron Engine & Thresher Co.	Port Huron	L. Johnoon	24	Yes	Yes	No	Slight	....
Aug. 2	Port Huron Engine & Thresher Co.	Port Huron	I. Knight	25	Yes	Yes	No	Slight	....
Aug. 2	Port Huron Engine & Thresher Co.	Port Huron	J. Dalziel	71	Yes	Yes	No	Severe	23
Aug. 2	Port Huron Engine & Thresher Co.	Port Huron	J. O'Rourke	39	Yes	Yes	No	Slight	....
Aug. 4	Port Huron Engine & Thresher Co.	Port Huron	J. McGuire	25	Yes	Yes	No	Slight	....

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	ST. CLAIR CO.—*Con.*								
Aug. 7	Port Huron Engine & Thresher Co..	Port Huron...	G. Thomas.....	21	Yes..	Yes..	No..	Slight.....	
Aug. 8	Port Huron Engine & Thresher Co..	Port Huron...	J. Leoym.....	25	Yes..	Yes..	No..	Severe..	36
Aug. 9	Port Huron Engine & Thresher Co..	Port Huron...	S. Cullen.....	38	Yes..	Yes..	No..	Slight.....	
Aug. 9	Port Huron Engine & Thresher Co..	Port Huron...	G. Saunders.....	27	Yes..	Yes..	No..	Slight.....	
Aug. 11	Port Huron Engine & Thresher Co..	Port Huron...	T. Dixon.....	46	Yes..	Yes..	No..	Severe..	2
Aug. 16	Port Huron Engine & Thresher Co..	Port Huron...	H. Spring.....	19	Yes..	Yes..	No..	Slight.....	
Aug. 18	Port Huron Engine & Thresher Co..	Port Huron...	F. Misch.....	19	Yes..	Yes..	No..	Slight.....	
Aug. 19	Port Huron Engine & Thresher Co..	Port Huron...	E. Christick.....	17	Yes..	Yes..	No..	Slight.....	
Aug. 19	Port Huron Engine & Thresher Co..	Port Huron...	W. Racely.....	19	Yes..	Yes..	No..	Slight.....	
Aug. 26	Port Huron Engine & Thresher Co..	Port Huron...	H. VanMartin....	32	Yes..	Yes..	No..	Severe.	9
Aug. 28	Port Huron Engine & Thresher Co..	Port Huron...	J. Trombley.....	36	Yes..	Yes..	No..	Slight.....	
Aug. 28	Port Huron Engine & Thresher Co..	Port Huron...	R. Wolf.....	21	Yes..	Yes..	No..	Severe..	6
Sept. 8	Port Huron Engine & Thresher Co..	Port Huron...	C. Martin.....	21	Yes..	Yes..	No..	Slight.....	
Sept. 19	Port Huron Engine & Thresher Co..	Port Huron...	S. Ellsworth.....	53	Yes..	Yes..	No..	Severe..	18
Sept. 22	Port Huron Engine & Thresher Co..	Port Huron...	C. Martin.....	21	Yes..	Yes..	No..	Slight.....	
Sept. 24	Port Huron Engine & Thresher Co..	Port Huron...	C. Washburn.....	18	Yes..	Yes..	No..	Slight.....	
Oct. 9	Port Huron Engine & Thresher Co..	Port Huron...	O. Thrun.....	54	Yes..	Yes..	No..	Severe.	10
June 17	Port Huron Lumber Co.....	Port Huron...	C. Schuck.....	55	No..	.....	No..	Slight.....	
July 8	Port Huron Lumber Co.....	Port Huron...	H. Hill.....	43	No..	.....	No..	Slight..	3
Dec. 21	Port Huron Lumber Co.....	Port Huron...	J. Sheridan.....	44	Yes..	Yes..	No..	Serious.	84
Aug. 26	Port Huron Paper Co.....	Port Huron...	W. Lombard.....	35	Yes..	.....	.....	Serious.	10
May 20	Sulphite Fibre Co.....	Port Huron...	T. Lynch.....	52	No..	.....	.....	Serious.	10
July 10	Sulphite Fibre Co.....	Port Huron...	O. Goschnick.....	50	Yes..	Yes..	No..	Slight..	4
July 29	Sulphite Fibre Co.....	Port Huron...	C. Provost.....	.....	.....	.....	.....	Slight..	3
Aug. 6	Sulphite Fibre Co.....	Port Huron...	P. LaCond.....	65	Yes..	Yes..	.....	Slight..	7
Aug. 14	Sulphite Fibre Co.....	Port Huron...	W. Spencer.....	23	Yes..	Yes..	Yes..	Serious.	4
Aug. 29	Sulphite Fibre Co.....	Port Huron...	F. Pensenkagen...	50	Yes..	Yes..	No..	Serious.	1
Sept. 3	Sulphite Fibre Co.....	Port Huron...	A. Fritsie.....	25	Yes..	.....	.....	Serious.	40
Mar. 19	Summers Linen Co.....	Port Huron...	W. James.....	40	Yes..	Yes..	No..	Slight..	2
April 12	Summers Linen Co.....	Port Huron...	W. James.....	40	Yes..	Yes..	.....	Slight..	1
Sept. 4	Summers Linen Co.....	Port Huron...	R. Riddle.....	25	Yes..	Yes..	No..	Slight..	3
.....	Electric Light & Water Works....	Yale.....	T. Carey.....	60	Yes..	Yes..	Yes..	Fatal.....	
Jan. 21	Yale Woolen Mills.....	Yale.....	G. Wilson.....	26	No..	.....	.....	Slight..	7
Sept. 27	Yale Woolen Mills.....	Yale.....	Mrs. F. Miller....	30	Yes..	Yes..	No..	Slight..	28
Nov. 6	Yale Woolen Mills.....	Yale.....	J. McCarthy.....	28	Yes..	Yes..	No..	Slight..	35
	ST. JOSEPH COUNTY.								
April 13	United Electric Co.....	Burr Oak.....	R. Perry.....	28	Yes.	No..	No..	Severe..	14
May 22	Sturgis Steel Go-Cart Co.....	Sturgis.....	R. Walton.....	18	Yes	.....	Yes	Serious.	21
June 24	Sturgis Steel Go-Cart Co.....	Sturgis.....	J. Howard.....	21	Yes..	Yes.	Yes..	Severe.	21
June 24	Sturgis Steel Go-Cart Co.....	Sturgis.....	W. Benney.....	22	No..	.....	Yes..	Serious.	150
Feb. 8	Wilhelm Furniture Co.....	Sturgis.....	H. Kelly.....	17	Yes..	Yes..	Yes.	Slight..	21
June 14	Sheffield Car Co.....	Three Rivers..	D. Synder.....	42	Yes..	Yes..	No..	Serious	30
	SHIAWASSEE COUNTY.								
Oct. 30	Grand Trunk Ry. Co.....	Durand.....	D. Darling.....	30	Yes..	Yes.	Yes	Severe..	30
Feb. 5	Grand Trunk Ry. Co.....	Durand.....	J. Deederly.....	37	.....	.....	.....	Severe.	25
Mar. 21	Grand Trunk Ry. Co.....	Durand.....	A. Day.....	21	No..	.....	Yes	Severe..	84
Aug. 8	Au Sable Electric Co.....	Owosso.....	R. Dawson.....	22	Yes..	Yes.	Yes.	Slight..	5
Aug. 28	Au Sable Electric Co.....	Owosso.....	C. Jenkins.....	38	Yes.	Yes..	.....	Serious.	250
May 5	C. A. Connor Ice Cream Co.....	Owosso.....	H. McDonald.....	35	Yes..	Yes..	No..	Slight..	.....
June 15	C. A. Connor Ice Cream Co.....	Owosso.....	V. Doe.....	21	Yes.	Yes.	Yes.	Slight..	.....
July 15	C. A. Connor Ice Cream Co.....	Owosso.....	F. Knickerbocker..	38	Yes..	Yes..	Yes..	Slight..	.....
Sept. 15	C. A. Connor Ice Cream Co.....	Owosso.....	T. Turnbull.....	50	No..	.....	No..	Slight..	.....
Sept. 9	General Motors Truck Co.....	Owosso.....	C. Morton.....	48	Yes..	Yes..	Yes..	Slight..	.....

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person around working machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	SHIAWASSEE CO.—*Con.*								
Feb. 11	General Motors Truck Co	Owosso	G. Lansing	48	Yes	Yes	No	Severe	4
Mar. 4	General Motors Truck Co	Owosso	G. Byerly	25	Yes	Yes	Yes	Severe	2
May 24	Imperial Garment Mfg. Co	Owosso	B. Schuster	24	Yes	Yes	Yes	Slight	
	The Independent Stove Co	Owosso	N. Hoose	40	No		Yes	Slight	35
Oct. 7	Owosso Casket Co	Owosso	C. Watts	23	No		No	Severe	12
Oct. 17	Owosso Casket Co	Owosso	T. Lyttle	55	No		No	Slight	
Dec. 5	Owosso Casket Co	Owosso	J. Lighthill	25	Yes	Yes	No	Severe	40
Dec. 16	Owosso Casket Co	Owosso	W. Springer	45	Yes	Yes	No	Slight	
Dec. 19	Owosso Casket Co	Owosso	O. Schultz	40	No		No	Severe	6
Jan. 10	Owosso Casket Co	Owosso	J. Meacham	74	Yes	Yes	No	Slight	
Jan. 16	Owosso Casket Co	Owosso	R. Sherman	32	No		No	Slight	
Feb. 5	Owosso Casket Co	Owosso	L. Stack	20	No		No	Severe	3
Feb. 6	Owosso Casket Co	Owosso	R. Fletcher	55	Yes	Yes	No	Slight	
Feb. 10	Owosso Casket Co	Owosso	L. Stack	20	No		No	Severe	56
Feb. 17	Owosso Casket Co	Owosso	A. Monroe	54	Yes	Yes	No	Slight	1
April 22	Owosso Casket Co	Owosso	M. Noonan	60	No		No	Slight	
April 24	Owosso Casket Co	Owosso	J. Benham	35	Yes	Yes	No	Slight	
April 29	Owosso Casket Co	Owosso	A. Monroe	55	Yes	Yes	No	Severe	11
Aug. 16	Owosso Mfg. Co	Owosso	L. Marriolt	60	No		No	Slight	3
Sept. 26	Owosso Mfg. Co	Owosso	M. Keegan	60	Yes	Yes	No	Severe	120
Sept. 30	Owosso Mfg. Co	Owosso	N. Simmons	25	No		No	Slight	7
Oct. 2	Owosso Mfg. Co	Owosso	C. Lamb	22	Yes	Yes	No	Serious	29
Oct. 10	Owosso Mfg. Co	Owosso	G. Schultz	17	Yes	Yes	Yes	Serious	45
Nov. 12	Owosso Mfg. Co	Owosso	J. Kohn	35	Yes	Yes	No	Severe	7
Dec. 31	Owosso Mfg. Co	Owosso	H. Ashford	35	Yes	Yes	Yes	Serious	10
Jan. 8	Owosso Mfg. Co	Owosso	G. Crane	20	Yes	Yes	No	Severe	3
Feb. 20	Owosso Mfg. Co	Owosso	C. Rouch	30	Yes	Yes	No	Serious	
April 2	Owosso Mfg. Co	Owosso	C. Kimmer	44	Yes	Yes	No	Serious	60
April 5	Owosso Mfg. Co	Owosso	F. Whitchcarse	40	Yes	Yes	Yes	Severe	4
Sept. 19	Owosso Mfg. Co	Owosso	G. Trerice	22	Yes	Yes	No	Severe	3
Sept. 20	Owosso Mfg. Co	Owosso	E. Bioion	18	Yes	Yes	No	Serious	3
June 14	Owosso Sugar Co	Owosso	W. Beehler	39	Yes	Yes	No	Slight	
June 14	Owosso Sugar Co	Owosso	L. Orlando	36	No		No	Slight	
June 24	Owosso Sugar Co	Owosso	S. Kirk	44	Yes	Yes	No	Slight	1
July 30	Owosso Sugar Co	Owosso	W. Bochm	26	Yes	Yes	No	Slight	
Aug. 14	Owosso Sugar Co	Owosso	L. DeField	38	No		No	Severe	3
Aug. 29	Owosso Sugar Co	Owosso	S. Collins	33	No		No	Slight	1
Oct. 10	Owosso Sugar Co	Owosso	E. Worth		Yes	Yes	Yes	Severe	21
Nov. 5	Owosso Sugar Co	Owosso	W. Safford	40	Yes	Yes	No	Slight	
Nov. 6	Owosso Sugar Co	Owosso	W. McAlpine	61	No		Yes	Slight	3
Nov. 8	Owosso Sugar Co	Owosso	D. Huff	63	Yes	Yes	No	Severe	10
Nov. 8	Owosso Sugar Co	Owosso	J. Burns	34	No		Yes	Slight	
Nov. 14	Owosso Sugar Co	Owosso	W. Frye	46	Yes	Yes	No	Severe	6
Nov. 16	Owosso Sugar Co	Owosso	H. Monroe	25	No		No	Slight	
Nov. 22	Owosso Sugar Co	Owosso	H. Richards	17	Yes	Yes	Yes	Slight	
Dec. 14	Owosso Sugar Co	Owosso	F. Brodach		No		No	Slight	
Dec. 14	Owosso Sugar Co	Owosso	W. Burtis	45	Yes	Yes	No	Slight	
Dec. 14	Owosso Sugar Co	Owosso	O. Weller	32	No			Slight	1
Dec. 14	Owosso Sugar Co	Owosso	J. Banta	30	No			Slight	
Dec. 18	Owosso Sugar Co	Owosso	F. Langworthy	19	Yes	Yes	No	Slight	
Dec. 26	Owosso Sugar Co	Owosso	J. Elliott	45	No			Slight	
Dec. 7	Owosso Sugar Co	Owosso	S. Cabrizzi		No		No	Slight	
Jan. 6	Owosso Sugar Co	Owosso	C. Atto	31	No		Yes	Serious	160
Feb. 1	Owosso Sugar Co	Owosso	J. Loomis	33	Yes	Yes	No	Slight	
Jan. 20	Owosso Sugar Co	Owosso	M. Mansor	55	No		Yes	Severe	14
Mar. 1	Owosso Sugar Co	Owosso	J. Klaudi	26	No			Slight	3
Mar. 20	Owosso Sugar Co	Owosso	C. Baker	31	No		No	Slight	
Jan. 6	Robbins Table Co	Owosso	R. Thayer	45	No		No	Slight	35
Jan. 7	Robbins Table Co	Owosso	R. Jebb	70	No		No	Serious	175
Mar. 24	M. Wood & Co	Owosso	L. Guen	19	Yes	Yes	Yes	Slight	15

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	Shiawassee Co.—*Con.*								
Sept. 30	Woodard Furniture Co	Owosso	W. Archer	40	Yes	Yes	No	Slight	3
Nov. 14	Woodard Furniture Co	Owosso	W. Good	31	No		No	Slight	3
Dec. 3	Woodard Furniture Co	Owosso	J. Helt	30	No		No	Slight	
Feb. 6	Woodard Furniture Co	Owosso	L. Eldridge	30	No		No	Slight	2
Mar. 7	Woodard Furniture Co	Owosso	C. Greenwalt	48	No		No	Severe	20
April 1	Woodard Furniture Co	Owosso	C. Buell	26	Yes	Yes	Yes	Slight	2
	Van Buren County.								
May 21	Lawton Basket Factory	Lawton	L. Wilson	71	Yes	Yes	Yes	Slight	24
June 25	J. Hungerford Smith Grape Juice Co	Lawton	W. Holden	30	No		Yes	Serious	
Oct.	Armour & Co	Mattawan	C. Kirkham	50	No		No	Slight	15
June 10	Joseph Deal	Paw Paw	E. Rathburn	37	Yes	Yes	Yes	Serious	46
June 2	Paw Paw Basket Co	Paw Paw	J. Cornell	53	Yes	Yes	Yes	Severe	60
Oct. 12	Cable-Nelson Piano Co	South Haven	J. Zaseck	29	Yes	Yes	No	Serious	30
Jan. 31	Cable-Nelson Piano Co	South Haven	W. Claflin	38	Yes	Yes	Yes	Serious	20
Mar. 13	Cable-Nelson Piano Co	South Haven	M. Olmsted	42	Yes	Yes	No	Slight	30
May 15	Cable-Nelson Piano Co	South Haven	H. Muske	22	Yes	Yes	No	Slight	40
Nov. 1	S. E. Overton Co	South Haven	F. Bourne	34	Yes	Yes	No	Slight	6
Mar. 26	S. E. Overton Co	South Haven	E. Burrows	46	Yes	Yes	No	Slight	5
April 3	S. E. Overton Co	South Haven	W. Henson	36	Yes	Yes	No	Slight	
April 3	S. E. Overton Co	South Haven	G. Dunham	38	Yes	Yes	No	Slight	2
May 12	S. E. Overton Co	South Haven	J. Wagamaker	31	Yes	Yes	No	Slight	2
May 12	S. E. Overton Co	South Haven	J. Wagamaker	31	Yes	Yes	No	Slight	2
May 16	S. E. Overton Co	South Haven	J. Vim	27	No		No	Slight	
Jan. 2	Pipe Organ Co	South Haven	W. Harrington	39	Yes	Yes	No	Slight	21
	Washtenaw County.								
April 14	Ann Arbor Machinery Co	Ann Arbor	R. Haines	20	Yes	Yes	Yes	Severe	30
	Come-Packt Furniture Co	Ann Arbor	F. Luenser	23	Yes	Yes	No	Severe	21
	Chas. A. Sauer & Co	Ann Arbor	A. Isbell	32	Yes	Yes	Yes	Slight	
	Chas. A. Sauer & Co	Ann Arbor	L. Hein	19	Yes	Yes	Yes	Slight	
Feb.	W. L. McCullough Co	Ypsilanti	H. Day	50	No		Yes	Slight	
Mar. 15	Michigan Ladder Co	Ypsilanti	L. Losee	56	No		No	Severe	
Jan. 18	Michigan Steel Press Co	Ypsilanti	G. Speers	32	Yes	Yes	Yes	Severe	75
Mar. 10	Peninsular Paper Co	Ypsilanti	R. Shaws	60	Yes	No	No	Severe	120
May 3	Peninsular Paper Co	Ypsilanti	F. Everett	22	Yes	Yes	Yes	Fatal	
Feb. 5	Sharf Tag & Label Co	Ypsilanti	A. Horn	42	Yes	Yes	Yes	Severe	15
Feb. 11	Standard Printing Co	Ypsilanti	H. Stuls	50	Yes	Yes	No	Severe	70
Mar. 1	O. E. Thompson & Sons	Ypsilanti	J. Holly	53	Yes	Yes	Yes	Severe	3
April 26	Ypsilanti Hay Press	Ypsilanti	R. Conkright	53	No		No	Severe	22
Nov. 26	Ypsilanti Milling Co	Ypsilanti	J. Trufont	39	Yes	No	Yes	Severe	240
	Wayne County.								
Oct. 21	Ackerman & McNamara	Detroit	J. Callahan	19	Yes	Yes	No	Slight	10
Jan. 15	American Auto Trimming Co	Detroit	J. Jones	54				Severe	130
Feb. 4	American Blower Co	Detroit	E. Wyche	42	Yes	Yes	Yes	Severe	75
May 28	American Blower Co	Detroit	J. Singer	21				Severe	20
June 12	American Blower Co	Detroit	W. Taylor	29	No			Severe	30
May 6	American Blower Co	Detroit	T. O'Shea	21	Yes	Yes	No	Severe	17
Aug. 8	American Blower Co	Detroit	M. Firman	30	Yes	No	No	Severe	30
April 9	John Beyster	Detroit	J. Marcon	40	Yes	Yes	Yes	Severe	42
April 30	John Beyster	Detroit	M. Holton	32	Yes	Yes	Yes	Slight	1
April 24	Buhl Stamping Co	Detroit	F. Wassnick	21	Yes	Yes	Yes	Slight	4

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	WAYNE CO.—*Con.*								
Oct. 24	Chalmers Motor Co	Detroit	G. Robson	25	Yes	Yes	No	Serious	14
Oct. 25	Chalmers Motor Co	Detroit	W. Hall	53				Severe	210
Nov. 27	Chalmers Motor Co	Detroit	G. Cosgrove	27	Yes	Yes		Severe	105
Dec. 7	Chalmers Motor Co	Detroit	J. Junod	36				Severe	180
Dec. 12	Chalmers Motor Co	Detroit	C. Clem	28			Yes	Fatal	
Jan. 6	Chalmers Motor Co	Detroit	R. McGihon	19	Yes	Yes	Yes	Severe	90
May 20	Chalmers Motor Co	Detroit	W. Hamlin	31	Yes	Yes	No	Severe	90
April 23	Delphie Specialty Mfg. Co	Detroit	J. Gryka	18	Yes	Yes	No	Slight	21
Oct. 1	Detroit Cornice & Slate Co	Detroit	J. Gordilla	23			No	Fatal	
May 28	Detroit Furnace Co	Detroit	J. Crossman	34			No	Severe	30
July 27	Detroit Furnace Co	Detroit	G. Bersten	27	Yes	Yes	Yes	Serious	56
Oct. 7	Detroit Leather Co	Detroit	G. Miesner	18	Yes	Yes	Yes	Severe	20
June 6	Detroit "Looscarf" Collar Co	Detroit	F. German	28	No		No	Serious	10
Nov. 18	Detroit Lumber Co	Detroit	W. Warren	27	Yes	Yes	Yes	Severe	56
Mar. 13	Detroit Lumber Co	Detroit	A. Kimball	50	No		Yes	Severe	90
May 22	Detroit Lumber Co	Detroit	M. Ryan	49	No		Yes	Severe	70
Aug. 15	Detroit Paper Stock Co	Detroit	T. Stampkovsky	35	Yes	No	No	Severe	75
June 4	Detroit Sulphite Pulp & Paper Co	Detroit	G. Polakowsky	16	Yes	Yes	Yes	Severe	60
July 8	Detroit United Railway	Detroit	F. Break	50				Severe	14
Mar. 21	Detroit Vapor Stove Co	Detroit	S. Gazzarato	22	Yes	Yes	Yes	Serious	21
Mar. 14	Detroit Wire Spring Co	Detroit	W. Tobev	17	Yes	Yes	Yes	Slight	14
Oct. 6	Dodge Bros	Detroit	J. Meloski	20	No		No	Severe	86
Oct. 14	Dodge Bros	Detroit	J. Budis	31	Yes	Yes	No	Severe	76
Oct. 10	Dodge Bros	Detroit	F. Lyttle	37	Yes	Yes	No	Fatal	
Nov. 5	Dodge Bros	Detroit	A. Elchlinger	33	Yes	Yes	No	Serious	90
Nov. 13	Dodge Bros	Detroit	F. Snogwood	52	No		No	Severe	60
June 10	Enterprise Foundry Co	Detroit	F. Baumgartner	42	Yes	Yes	No	Slight	27
June 21	Enterprise Foundry Co	Detroit	P. Samyn	40	Yes	Yes	No	Slight	25
May 29	Fisher Body Co	Detroit	E. Edwards	31	Yes		Yes	Fatal	
Oct. 22	F. H. Goddard, Inc	Detroit	P. Malow	35	No		No	Fatal	
July 24	Griggs, Hanna Co	Detroit	J. Chaplinski	40	Yes	Yes	Yes	Slight	40
April 6	Holly Bros. Co	Detroit	A. Ambrick	38	Yes	Yes	Yes	Severe	42
Sept. 30	The J. L. Hudson Co	Detroit	W. Love	55	No		No	Fatal	
Mar. 13	The Ireland & Matthews Mfg. Co	Detroit	J. Barklow	36	Yes	Yes	Yes	Severe	114
July 17	The Ireland & Matthews Mfg. Co	Detroit	J. Yauke	26	Yes	Yes	Yes	Severe	45
Aug. 4	The Ireland & Matthews Mfg. Co	Detroit	R. Purvis	54	No		No	Slight	24
Mar. 14	King Motor Car Co	Detroit	M. Solan	24	No		No	Serious	60
May 17	Maxwell Motor Co	Detroit	C. Riley	20	Yes	No	No	Slight	2
June 26	Michigan Ammonia Works	Detroit	S. Vitalli	22	Yes	Yes	No	Severe	40
Dec. 4	Michigan Stove Co	Detroit	J. Larkin	53	Yes	Yes	Yes	Severe	49
Dec. 7	Michigan Stove Co	Detroit	M. Ellis	30	Yes	Yes	Yes	Severe	42
June 11	Michigan Stove Co	Detroit	W. Lapoos	22	Yes	Yes	Yes	Severe	70
July 31	Michigan Stove Co	Detroit	J. Cyr	23	Yes	Yes	Yes	Severe	49
Oct. 15	The Donald Miller Co	Detroit	A. Fieker	26	No		No	Severe	90
July 30	Motor Body Co	Detroit	M. Labuda	44	Yes	Yes	Yes	Severe	30
Mar. 24	Murphy Iron Works	Detroit	J. Mizera	25	No			Severe	40
June 26	National Iron Works	Detroit	M. Smith	28				Serious	21
June 12	National Twist Drill Co.	Detroit	A. Sinowiski	17	Yes	Yes	Yes	Severe	120
April 5	W. Oades	Detroit	J. Dumas	55	No		Yes	Slight	28
June 12	W. H. Oades	Detroit	G. Trombly	35	No		No	Slight	60
Sept. 3	W. H. Oades	Detroit	W. Roberge	75	No		No	Slight	56
Nov. 25	W. H. Oades	Detroit	J. Lasua	60	No		Yes	Severe	60
Oct. 4	Parke, Davis Co	Detroit	W. Cross	31	No		Yes	Severe	26
Feb. 12	Chas. Pohlman & Co	Detroit	W. VanHuigstn	35	Yes	Yes	Yes	Serious	30
July 10	Posselium Mfg. Co	Detroit	E. Hornoka	26	No		Yes	Serious	24
Oct. 5	Public Lighting Commission	Detroit	J. Eastland	45	No		No	Severe	27
Oct. 19	Public Lighting Commission	Detroit	W. Snyder	35	No		No	Severe	40
Nov. 25	Public Lighting Commission	Detroit	W. Lindenberg	48	No		No	Severe	20
Dec. 10	Public Lighting Commission	Detroit	J. Puger	30	No		No	Severe	12
Dec. 11	Public Lighting Commission	Detroit	E. Enyor	38	No		No	Slight	14

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	WAYNE CO.—*Con.*								
Dec. 17	Public Lighting Commission	Detroit	F. Harvey	40	No		No	Slight	5
April 6	Public Lighting Commission	Detroit	B. Glidden	30	No		No	Slight	13
April 6	Public Lighting Commission	Detroit	J. Price	26	No		No	Severe	38
April 19	Public Lighting Commission	Detroit	P. Gibbon	40	No		No	Severe	48
July 2	Public Lighting Commission	Detroit	E. Lyons	32	No		No	Slight	8
Sept. 4	Public Lighting Commission	Detroit	L. Trongo	40	No		Yes	Fatal	
Feb. 20	Riverside Scrap Iron & Metal Co	Detroit	I. Payne	33	No		No	Severe	90
Oct. 7	Safety Furnace Pipe Co	Detroit	E. White	21	No		Yes	Fatal	
Jan. 22	Semet-Solvay Co	Detroit	J. Freer	52	Yes	Yes	No	Severe	69
April 5	Semet-Solvay Co	Detroit	M. Yarnot	31	Yes	No	Yes	Severe	55
May 26	Semet-Solvay Co	Detroit	L. Wasik	25		Yes	No	Severe	131
Nov. 4	Solvay Process Co	Detroit	C. Raisdy	23	No		Yes	Severe	120
July 4	Solvay Process Co	Detroit	W. Wood	25	Yes	Yes	Yes	Slight	21
July 5	Solvay Process Co	Detroit	O. Krajeuski	39	No		No	Slight	32
July 28	Solvay Process Co	Detroit	J. Kaliuoski	41	Yes	Yes	No	Severe	120
Aug. 5	Solvay Process Co	Detroit	W. Schikalla	19	Yes	Yes	Yes	Slight	40
Sept. 17	Solvay Process Co	Detroit	A. Thuer	25	Yes	Yes	Yes	Severe	120
Jan. 9	Spiets & Worch Co	Detroit	E. Smith	19	No		No	Severe	60
Jan. 31	Springman Paper Produce Co	Detroit	W. Welsh	20	Yes	Yes	Yes	Severe	127
Feb. 24	Frederick Stearns & Co	Detroit	J. Lane	27				Slight	42
Mar. 3	Frederick Stearns & Co	Detroit	G. Albretch	29	Yes	Yes	Yes	Severe	57
April 22	Frederick Stearns & Co	Detroit	J. Volehr	23	No		No	Serious	27
April 22	Frederick Stearns & Co	Detroit	B. Parsons	25	Yes	No	Yes	Slight	18
April 28	Frederick Stearns & Co	Detroit	C. Waugh	37	No		No	Slight	8
May 6	Frederick Stearns & Co	Detroit	Mrs. R. Ehrlich	28	No		No	Slight	19
June 25	Frederick Stearns & Co	Detroit	J. Volekr	23	No		Yes	Slight	42
Sept. 4	Frederick Stearns & Co	Detroit	R. Tompkins	25	Yes	Yes	Yes	Slight	7
Aug. 20	Frederick Stearns & Co	Detroit	B. Mohr	20	Yes	No	Yes	Slight	7
June 3	The Studebaker Cor	Detroit	J. Johnson	35	Yes	Yes	No	Slight	42
Dec. 30	The Studebaker Cor	Detroit	B. Pidgeon	20	Yes	Yes	Yes	Serious	120
Dec. 31	The Studebaker Cor	Detroit	W. Johnson	32	Yes	Yes	No	Serious	90
Jan. 8	The Studebaker Cor	Detroit	J. Miller	27	Yes	Yes	No	Serious	60
Jan. 29	The Studebaker Cor	Detroit	W. Kucharchik	28	Yes	Yes	No	Slight	30
Feb. 6	The Studebaker Cor	Detroit	W. Lindsay	18	Yes	Yes	No	Slight	30
Feb. 23	The Studebaker Cor	Detroit	J. Farragher	29	Yes	Yes	No	Serious	21
Sept. 1	A. Steiner Bakery	Detroit	G. Hughes	21	No		No	Serious	35
Nov. 19	The Timken Detroit Axle Co	Detroit	A. Cousino	24	Yes	Yes	No	Serious	51
Dec. 9	The Timken Detroit Axle Co	Detroit	F. Strauss	22	No		No	Serious	63
Dec. 18	The Timken Detroit Axle Co	Detroit	H. Mick	30	No		No	Serious	33
Dec. 23	The Timken Detroit Axle Co	Detroit	J. Bloom	47	No		No	Serious	49
Dec. 27	The Timken Detroit Axle Co	Detroit	A. Nicholls	28	Yes	Yes	No	Serious	16
Jan. 20	The Timken Detroit Axle Co	Detroit	N. Smith	29	Yes	Yes	No	Serious	23
Jan. 23	The Timken Detroit Axle Co	Detroit	R. Higgins	22	Yes	Yes	No	Serious	42
Jan. 25	The Timken Detroit Axle Co	Detroit	D. Kent	49	No		No	Serious	18
Feb. 1	The Timken Detroit Axle Co	Detroit	M. Roesgen	57	No		No	Serious	37
Feb. 27	The Timken Detroit Axle Co	Detroit	C. Herrick	32	No		No	Serious	33
Mar. 4	The Timken Detroit Axle Co	Detroit	M. Bradley	24	Yes	Yes	No	Serious	29
Mar. 6	The Timken Detroit Axle Co	Detroit	A. Liddey	24	Yes	Yes		Serious	74
Mar. 8	The Timken Detroit Axle Co	Detroit	H. Simler	18	Yes	Yes	No	Serious	24
Mar. 28	The Timken Detroit Axle Co	Detroit	A. Gohl	27	No		No	Serious	34
Mar. 28	The Timken Detroit Axle Co	Detroit	J. Tetrault	28	Yes	Yes	No	Serious	18
Mar. 28	The Timken Detroit Axle Co	Detroit	H. Cunningham	52	Yes	Yes	No	Serious	24
April 14	The Timken Detroit Axle Co	Detroit	J. Ryan	30	No		No	Serious	15
April 18	The Timken Detroit Axle Co	Detroit	J. Vitale	28	Yes	Yes	No	Serious	17
Feb. 13	Trippensee Mfg. Co	Detroit	E. Emerson	24	Yes	Yes		Serious	24
Sept. 19	Voelkner & Harry Mfg. Co	Detroit	H. Carson	19	Yes	Yes	Yes	Severe	14
Dec. 11	Voelkner & Harry Mfg. Co	Detroit	M. Sarno	22	Yes	Yes	Yes	Severe	14
Dec. 17	Voelkner & Harry Mfg. Co	Detroit	A. Sorensen	35	Yes	Yes	Yes	Severe	14
Feb. 28	Voelkner & Harry Mfg. Co	Detroit	W. Hayes	22	Yes	Yes	Yes	Severe	14
Mar. 27	Voelkner & Harry Mfg. Co	Detroit	J. Wionski	21	Yes	Yes		Severe	14

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	WAYNE CO.—*Con.*								
Oct. 10	J. F. Weber & Co	Detroit	W. Shwenteck	31	Yes	No	Yes	Severe	42
May 18	The Williams Bros. Co	Detroit	M. Walinski	26	No		Yes	Serious	80
May 20	The Williams Bros. Co	Detroit	F. Kalina	17	No		Yes	Serious	60
July 28	The Williams Bros. Co	Detroit	E. Bolitha	23	No		No	Serious	75
Nov. 3	The Williams Bros. Co	Detroit	J. Christin	50	No		No	Serious	60
June 30	G. A. Raupp	Detroit	F. Brower	55	Yes	Yes		Serious	180
Aug. 30	Stock Process Steel Co	Detroit	A. Schrock	23	Yes	No		Fatal	....
May 6	Braun Lumber Co	Detroit	C. Janisse	38	Yes	Yes	Yes	Severe	30
Jan. 17	Braun Lumber Co	Detroit	P. Slavisti	40	Yes	Yes	Yes	Severe	60
.....	Braun Lumber Co	Detroit	W. Hilyer	50	Yes	Yes	Yes	Slight	4
Dec. 3	Ford Motor Co	Highland Park	H. Kenyet	22	Yes	Yes	Yes	Serious	30
Dec. 11	Ford Motor Co	Highland Park	V. Kobilash	33	No		No	Slight	4
Dec. 13	Ford Motor Co	Highland Park	D. Koondonligetory	22	No		Yes	Slight	4
Dec. 24	Ford Motor Co	Highland Park	I. Klienman	21	Yes	Yes	No	Slight	12
Dec. 24	Ford Motor Co	Highland Park	A. Kipcitz	23	No		No	Slight	5
Jan. 2	Ford Motor Co	Highland Park	L. Snelling	22	No		Yes	Slight	4
Jan. 4	Ford Motor Co	Highland Park	A. Ziba	24	No		No	Slight	6
Jan. 4	Ford Motor Co	Highland Park	J. Rumik	37	Yes	Yes	Yes	Severe	10
Jan. 6	Ford Motor Co	Highland Park	L. Waine	18	Yes	Yes	Yes	Severe	7
Jan. 6	Ford Motor Co	Highland Park	G. Anders	59	Yes	Yes	No	Slight	1
Jan. 6	Ford Motor Co	Highland Park	R. Femal	20	No		No	Slight	4
Jan. 6	Ford Motor Co	Highland Park	P. McPhee	35	Yes	Yes	Yes	Slight	2
Jan. 7	Ford Motor Co	Highland Park	P. Manson	27	Yes	Yes	Yes	Severe	4
Jan. 7	Ford Motor Co	Highland Park	D. Dimario	23	Yes	Yes	Yes	Slight	6
Jan. 7	Ford Motor Co	Highland Park	A. Martin	22	Yes	Yes	Yes	Slight	2
Jan. 7	Ford Motor Co	Highland Park	E. Ferris	23	Yes	Yes	No	Slight	6
Jan. 9	Ford Motor Co	Highland Park	G. Kranki	55	No			Slight	1
Jan. 10	Ford Motor Co	Highland Park	G. Olteim	27	No		No	Slight	4
Jan. 10	Ford Motor Co	Highland Park	J. Wachowski	40	Yes	Yes	Yes	Slight	6
Jan. 10	Ford Motor Co	Highland Park	W. Wajtowice	32	No		No	Slight	1
Jan. 11	Ford Motor Co	Highland Park	M. Smith	33	No		No	Slight	3
Jan. 11	Ford Motor Co	Highland Park	J. Burke	28	Yes	Yes	No	Severe	35
Jan. 11	Ford Motor Co	Highland Park	H. Spicer	36	Yes	Yes	Yes	Severe	19
Jan. 12	Ford Motor Co	Highland Park	J. Macko	32	No		No	Slight	8
Jan. 13	Ford Motor Co	Highland Park	G. Sponik	20	Yes	Yes	Yes	Severe	3
Jan. 13	Ford Motor Co	Highland Park	C. George	25	No		No	Slight	6
Jan. 15	Ford Motor Co	Highland Park	F. Ziluk	38	Yes	Yes	No	Slight	3
Jan. 15	Ford Motor Co	Highland Park	M. Wilhelm	21	Yes	Yes	Yes	Slight	33
Jan. 16	Ford Motor Co	Highland Park	J. Atkins	21	Yes	Yes	Yes	Severe	28
Jan. 17	Ford Motor Co	Highland Park	J. Matela	35	Yes	Yes	No	Slight	1
Jan. 17	Ford Motor Co	Highland Park	B. Reswick	21	Yes	Yes	No	Severe	18
Jan. 18	Ford Motor Co	Highland Park	H. Proctor	27	Yes	Yes	Yes	Severe	13
Jan. 18	Ford Motor Co	Highland Park	W. Sheldon	42	Yes	Yes	No	Slight	12
Jan. 21	Ford Motor Co	Highland Park	J. Nordaih	20	Yes	Yes	No	Slight	2
Jan. 22	Ford Motor Co	Highland Park	T. Lupov	40	No		No	Slight	6
Jan. 23	Ford Motor Co	Highland Park	J. Callahan	47	Yes	Yes	No	Severe	23
Jan. 24	Ford Motor Co	Highland Park	V. Orz	39	Yes	Yes	Yes	Slight	13
Jan. 27	Ford Motor Co	Highland Park	A. Keegan	23	No		Yes	Severe	7
Jan. 27	Ford Motor Co	Highland Park	J. Kreft	58	No		No	Slight	4
Jan. 27	Ford Motor Co	Highland Park	L. Rose	19	Yes	Yes	Yes	Severe	4
Jan. 27	Ford Motor Co	Highland Park	J. Rizzo	38	No		No	Slight	2
Jan. 28	Ford Motor Co	Highland Park	S. Mondic	21	Yes	Yes	No	Severe	3
Jan. 28	Ford Motor Co	Highland Park	B. Buckner	22	No		Yes	Slight	2
Jan. 29	Ford Motor Co	Highland Park	C. Phillips	19	No		No	Severe	3
Jan. 29	Ford Motor Co	Highland Park	J. Wilson	39	No		Yes	Slight	10
Jan. 30	Ford Motor Co	Highland Park	F. Szymanski	19	Yes	Yes	Yes	Slight	3
Jan. 30	Ford Motor Co	Highland Park	W. Murphy	45	Yes	Yes	No	Slight	10
Jan. 31	Ford Motor Co	Highland Park	J. Majach	50	No		No	Slight	13
Jan. 31	Ford Motor Co	Highland Park	J. Borkulski	31	Yes	Yes	Yes	Slight	5
Mar. 1	Ford Motor Co	Highland Park	M. Alberg	21	Yes	Yes	Yes	Slight	2

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	WAYNE CO.—*Con.*								
Mar. 1	Ford Motor Co	Highland Park	V. Ebassco	22	Yes	Yes	Yes	Slight	1
Mar. 1	Ford Motor Co	Highland Park	J. Getz	26	Yes	Yes	No	Serious	28
Mar. 3	Ford Motor Co	Highland Park	I. Puffenberger	34	No		No	Slight	24
Mar. 3	Ford Motor Co	Highland Park	M. Shoren	20	Yes	Yes	Yes	Serious	46
Mar. 3	Ford Motor Co	Highland Park	M. Bryll	26	Yes	Yes	No	Slight	13
Mar. 4	Ford Motor Co	Highland Park	A. Sprague	19	Yes	Yes	Yes	Slight	3
Mar. 4	Ford Motor Co	Highland Park	J. Serra	26	Yes	Yes	No	Severe	7
Mar. 4	Ford Motor Co	Highland Park	A. Codack	37	No		No	Slight	1
Mar. 5	Ford Motor Co	Highland Park	W. Cross	25	No		No	Slight	3
Mar. 6	Ford Motor Co	Highland Park	W. Pesanski	23	Yes	Yes	Yes	Severe	106
Mar. 6	Ford Motor Co	Highland Park	F. Hillock	26	No		No	Slight	3
Mar. 7	Ford Motor Co	Highland Park	L. Bogue	37	No		No	Slight	4
Mar. 8	Ford Motor Co	Highland Park	E. Taddei	21	Yes	Yes	Yes	Serious	45
Mar. 8	Ford Motor Co	Highland Park	P. Stephan	50	Yes	Yes	No	Slight	6
Mar. 8	Ford Motor Co	Highland Park	Matoff	35	Yes	Yes	No	Slight	3
Mar. 11	Ford Motor Co	Highland Park	I. Shumadan	43	Yes	Yes	No	Serious	130
Mar. 11	Ford Motor Co	Highland Park	F. Szymenski	16	No			Slight	1
Mar. 11	Ford Motor Co	Highland Park	S. Yoma	26	Yes	Yes	No	Slight	3
Mar. 11	Ford Motor Co	Highland Park	J. Ditrapani	30	No		Yes	Slight	14
Mar. 12	Ford Motor Co	Highland Park	J. Pick	50	Yes	Yes	No	Slight	5
Mar. 12	Ford Motor Co	Highland Park	R. Hodossin	40	No		Yes	Severe	1
Mar. 13	Ford Motor Co	Highland Park	J. Stark	28	No		Yes	Serious	110
Mar. 13	Ford Motor Co	Highland Park	H. Willhahn	22	No		No	Slight	1
Mar. 14	Ford Motor Co	Highland Park	N. Vasil	34	No		No	Slight	1
Mar. 14	Ford Motor Co	Highland Park	C. Anderson	20	No		No	Slight	1
Mar. 14	Ford Motor Co	Highland Park	F. Aiken	18	No		No	Slight	2
Mar. 14	Ford Motor Co	Highland Park	J. Anderson	38	Yes	Yes	No	Severe	18
Mar. 17	Ford Motor Co	Highland Park	E. Castle	48	No		No	Slight	14
Mar. 17	Ford Motor Co	Highland Park	K. Bliman	20	Yes	Yes	Yes	Slight	6
Mar. 18	Ford Motor Co	Highland Park	A. Buchanan	52	Yes	Yes	No	Fatal	....
Mar. 18	Ford Motor Co	Highland Park	L. Sanoff	20	No		No	Severe	7
Mar. 18	Ford Motor Co	Highland Park	M. Moonet	20	Yes	Yes	No	Slight	1
Mar. 19	Ford Motor Co	Highland Park	M. Berman	25	Yes	Yes	Yes	Slight	7
Mar. 19	Ford Motor Co	Highland Park	S. Altman	28	No		No	Slight	9
Mar. 19	Ford Motor Co	Highland Park	P. Bailey	45	No		No	Slight	2
Mar. 20	Ford Motor Co	Highland Park	M. Breen	50	No		No	Slight	5
Mar. 20	Ford Motor Co	Highland Park	C. Vednta	22	Yes	Yes	Yes	Severe	5
Mar. 20	Ford Motor Co	Highland Park	J. Reneke	28	Yes	Yes	No	Slight	2
Mar. 20	Ford Motor Co	Highland Park	J. Maas	28	No		No	Slight	7
Mar. 20	Ford Motor Co	Highland Park	A. Kruskewits	24	Yes	Yes	Yes	Severe	110
Mar. 21	Ford Motor Co	Highland Park	J. Brosse	41	No		Yes	Severe	5
Mar. 21	Ford Motor Co	Highland Park	M. Tefetta	35	Yes	Yes	Yes	Severe	42
Mar. 21	Ford Motor Co	Highland Park	L. Redford	19	Yes	Yes	Yes	Slight	3
Mar. 21	Ford Motor Co	Highland Park	S. Rucko	29	Yes	Yes	Yes	Slight	5
Mar. 22	Ford Motor Co	Highland Park	J. Bulboo	25	No		No	Slight	5
Mar. 24	Ford Motor Co	Highland Park	W. Atmeed	21	Yes	Yes	No	Slight	3
Mar. 24	Ford Motor Co	Highland Park	C. Thomas	23	Yes	Yes	No	Slight	1
Mar. 24	Ford Motor Co	Highland Park	E. Haines	38	Yes	Yes	Yes	Severe	5
Mar. 25	Ford Motor Co	Highland Park	F. Wilson	20	Yes	Yes	Yes	Slight	2
Mar. 25	Ford Motor Co	Highland Park	E. Benson	34	No		No	Slight	1
Mar. 25	Ford Motor Co	Highland Park	M. Miller	24	Yes	Yes	No	Slight	2
Mar. 26	Ford Motor Co	Highland Park	M. Bolfa	37	No		No	Slight	1
Mar. 27	Ford Motor Co	Highland Park	M. Bolta	37	No		No	Slight	3
Mar. 27	Ford Motor Co	Highland Park	W. Battisworth	21	No			Slight	9
Mar. 27	Ford Motor Co	Highland Park	Y. Ibraim	39	Yes	Yes	No	Slight	2
Mar. 28	Ford Motor Co	Highland Park	G. Wessel	30	No		No	Slight	1
Mar. 28	Ford Motor Co	Highland Park	K. Weis	30	Yes	Yes	No	Slight	5
Mar. 28	Ford Motor Co	Highland Park	A. Mama	23	Yes	Yes	No	Slight	1
Mar. 28	Ford Motor Co	Highland Park	A. Feaid	21	Yes	Yes	No	Slight	2
Mar. 29	Ford Motor Co	Highland Park	V. Vinjinko	21	No		No	Slight	1

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	WAYNE CO.—*Con.*								
Mar. 29	Ford Motor Co.	Highland Park	T. Dunn	25	Yes	Yes	No	Slight	4
Mar. 31	Ford Motor Co.	Highland Park	W. Sheehy	25	Yes	Yes	No	Slight	1
April 1	Ford Motor Co.	Highland Park	V. Hosianek	26	Yes	Yes	No	Severe	8
April 1	Ford Motor Co.	Highland Park	M. Milosch	30	No	.....	No	Slight	12
April 1	Ford Motor Co.	Highland Park	F. Rock	20	Yes	Yes	Yes	Slight	6
April 2	Ford Motor Co.	Highland Park	M. Natensky	....	Yes	Yes	No	Slight	3
April 3	Ford Motor Co.	Highland Park	J. Mamamie	20	Yes	Yes	Yes	Slight	2
April 3	Ford Motor Co.	Highland Park	V. Siedlecski	25	Yes	Yes	Yes	Slight	1
April 4	Ford Motor Co.	Highland Park	A. Alek	25	No	.....	No	Slight	8
April 5	Ford Motor Co.	Highland Park	R. Smith	26	Yes	Yes	No	Slight	2
April 5	Ford Motor Co.	Highland Park	L. Blahowich	34	No	.....	No	Slight	7
April 5	Ford Motor Co.	Highland Park	F. Bolinsky	22	No	.....	No	Slight	2
April 8	Ford Motor Co.	Highland Park	M. Holmazan	44	No	.....	No	Slight	3
April 8	Ford Motor Co.	Highland Park	G. McLaren	21	Yes	Yes	No	Slight	1
April 8	Ford Motor Co.	Highland Park	M. Boston	21	Yes	Yes	No	Severe	2
April 8	Ford Motor Co.	Highland Park	W. Eigenberg	25	Yes	Yes	No	Slight	7
April 8	Ford Motor Co.	Highland Park	J. Doemer	54	No	.....	No	Slight	2
April 9	Ford Motor Co.	Highland Park	F. Cook	22	Yes	Yes	No	Slight	9
April 9	Ford Motor Co.	Highland Park	J. Figar	21	Yes	Yes	No	Slight	2
April 9	Ford Motor Co.	Highland Park	S. Gerus	33	No	.....	No	Slight	3
April 10	Ford Motor Co.	Highland Park	J. Deasia	21	Yes	Yes	Yes	Slight	1
April 10	Ford Motor Co.	Highland Park	C. Richard	19	No	.....	No	Severe	9
April 10	Ford Motor Co.	Highland Park	G. Tokas	46	No	.....	No	Slight	3
April 11	Ford Motor Co.	Highland Park	N. Kelly	19	Yes	Yes	Yes	Severe	14
April 11	Ford Motor Co.	Highland Park	A. Krebitch	36	No	.....	No	Slight	2
April 11	Ford Motor Co.	Highland Park	G. Williams	27	No	.....	No	Slight	4
April 12	Ford Motor Co.	Highland Park	G. Bolaniskis	19	No	.....	No	Slight	2
April 12	Ford Motor Co.	Highland Park	A. Kareswicki	22	Yes	Yes	Yes	Severe	3
April 12	Ford Motor Co.	Highland Park	T. Mietron	22	Yes	Yes	Yes	Slight	1
April 12	Ford Motor Co.	Highland Park	P. Rajakovick	33	No	.....	No	Slight	21
April 12	Ford Motor Co.	Highland Park	P. Sordak	33	No	.....	No	Severe	2
April 12	Ford Motor Co.	Highland Park	J. Tarskewicz	22	No	.....	No	Slight	3
April 14	Ford Motor Co.	Highland Park	P. Kieciotaki	21	No	.....	No	Slight	8
April 14	Ford Motor Co.	Highland Park	P. Sosontchu	20	Yes	Yes	Yes	Severe	8
April 14	Ford Motor Co.	Highland Park	R. Nazer	25	No	.....	No	Serious	9
April 15	Ford Motor Co.	Highland Park	S. Reihmer	19	No	.....	No	Slight	13
April 17	Ford Motor Co.	Highland Park	H. Ries	23	Yes	Yes	No	Slight	3
April 17	Ford Motor Co.	Highland Park	C. Dowert	37	No	.....	No	Slight	3
April 17	Ford Motor Co.	Highland Park	S. Simkus	23	No	.....	Yes	Severe	4
April 17	Ford Motor Co.	Highland Park	M. Sket	21	Yes	Yes	Yes	Slight	3
April 18	Ford Motor Co.	Highland Park	P. Coskey	20	Yes	Yes	No	Slight	1
April 18	Ford Motor Co.	Highland Park	F. Olin	24	Yes	Yes	Yes	Severe	1
April 18	Ford Motor Co.	Highland Park	A. Relewitch	39	No	.....	No	Slight	4
April 18	Ford Motor Co.	Highland Park	J. Rotter	24	Yes	Yes	No	Slight	3
April 19	Ford Motor Co.	Highland Park	J. Ross	23	No	.....	No	Slight	1
April 20	Ford Motor Co.	Highland Park	G. Fiegehen	36	Yes	Yes	Yes	Severe	5
April 22	Ford Motor Co.	Highland Park	T. Beselya	28	Yes	Yes	Yes	Severe	14
April 22	Ford Motor Co.	Highland Park	W. Johnston	37	No	.....	No	Severe	10
April 22	Ford Motor Co.	Highland Park	F. Kochi	32	No	.....	No	Severe	19
April 22	Ford Motor Co.	Highland Park	J. Marinckovich	23	No	.....	No	Slight	8
April 23	Ford Motor Co.	Highland Park	L. Reward	53	No	.....	No	Slight	3
April 24	Ford Motor Co.	Highland Park	F. Massowri	35	No	.....	No	Slight	2
April 24	Ford Motor Co.	Highland Park	J. Curtain	32	No	.....	Yes	Slight	10
April 24	Ford Motor Co.	Highland Park	A. Popescu	29	No	.....	Yes	Slight	3
April 24	Ford Motor Co.	Highland Park	W. Smith	20	Yes	Yes	Yes	Slight	5
April 25	Ford Motor Co.	Highland Park	T. Schirva	36	No	.....	No	Slight	1
April 26	Ford Motor Co.	Highland Park	F. Kolosky	30	No	.....	No	Slight	2
April 26	Ford Motor Co.	Highland Park	J. Melick	34	Yes	Yes	Yes	Serious	6
April 28	Ford Motor Co.	Highland Park	J. Deczeukowsky	42	Yes	Yes	No	Slight	7
April 29	Ford Motor Co.	Highland Park	J. Patrow	29	Yes	Yes	No	Slight	3

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person around working machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	WAYNE CO.—*Con.*								
April 29	Ford Motor Co	Highland Park	E. Smythe	20	Yes	Yes	Yes	Severe	1
April 30	Ford Motor Co	Highland Park	J. Nowak	28	No		Yes	Slight	2
May 1	Ford Motor Co	Highland Park	S. Tony	24	Yes	Yes	Yes	Slight	3
May 1	Ford Motor Co	Highland Park	J. Kumsko	22	No		No	Slight	3
May 1	Ford Motor Co	Highland Park	I. Araboff	45	No		No	Slight	4
May 2	Ford Motor Co	Highland Park	C. Holmangan	35	Yes	Yes	No	Severe	12
May 2	Ford Motor Co	Highland Park	W. DeMar	32	Yes	Yes	No	Severe	4
May 2	Ford Motor Co	Highland Park	A. Lyons	27	Yes	Yes	Yes	Slight	2
May 5	Ford Motor Co	Highland Park	R. Vitale	38	Yes	Yes	Yes	Severe	14
May 6	Ford Motor Co	Highland Park	A. Lassen	45	Yes	Yes	Yes	Slight	4
May 7	Ford Motor Co	Highland Park	D. Ahlstine	27	No		No	Slight	4
May 7	Ford Motor Co	Highland Park	T. Johnson	18	No		No	Slight	2
May 7	Ford Motor Co	Highland Park	M. Prewei	42	Yes	Yes	Yes	Slight	10
May 9	Ford Motor Co	Highland Park	T. Magna	25	Yes	Yes	Yes	Slight	1
May 9	Ford Motor Co	Highland Park	J. Latta	30	Yes	Yes	Yes	Slight	1
May 9	Ford Motor Co	Highland Park	T. Ardimm	22	No		No	Severe	6
May 10	Ford Motor Co	Highland Park	J. McNamara	50	No		Yes	Severe	6
May 12	Ford Motor Co	Highland Park	G. Barsam	21	Yes	Yes	No	Severe	7
May 12	Ford Motor Co	Highland Park	H. Frank	25	Yes	Yes	No	Severe	5
May 12	Ford Motor Co	Highland Park	R. Kiffer	20	Yes	Yes	No	Slight	1
May 12	Ford Motor Co	Highland Park	C. Martin	35	Yes	Yes	No	Severe	14
May 12	Ford Motor Co	Highland Park	B. Stephenson	27	Yes	Yes	Yes	Slight	14
May 14	Ford Motor Co	Highland Park	M. John	23	Yes	Yes	No	Slight	2
May 14	Ford Motor Co	Highland Park	S. Notch	26	Yes	Yes	No	Severe	4
May 16	Ford Motor Co	Highland Park	J. Stjurr	20	Yes	Yes	Yes	Slight	2
May 17	Ford Motor Co	Highland Park	J. Zamisa	28	No		No	Slight	1
May 17	Ford Motor Co	Highland Park	M. Ozygota	42	Yes	Yes	Yes	Severe	26
May 17	Ford Motor Co	Highland Park	T. Zicarello	28	Yes	Yes	Yes	Severe	21
May 17	Ford Motor Co	Highland Park	J. Haycin	30	Yes	Yes	No	Slight	2
May 19	Ford Motor Co	Highland Park	A. Zargay	26	No		No	Slight	2
May 20	Ford Motor Co	Highland Park	G. McFirland	27	Yes	Yes	Yes	Slight	1
May 20	Ford Motor Co	Highland Park	M. Oscar	29	No		No	Serious	3
May 21	Ford Motor Co	Highland Park	J. Jeletzki	30	Yes	Yes	No	Severe	3
May 22	Ford Motor Co	Highland Park	W. Kachet	32	No		No	Slight	12
May 23	Ford Motor Co	Highland Park	A. Bashioich	21	No		No	Slight	1
May 23	Ford Motor Co	Highland Park	H. Erwin	21	Yes	Yes	No	Slight	4
May 23	Ford Motor Co	Highland Park	H. Weeman	26	Yes	Yes	Yes	Severe	17
May 24	Ford Motor Co	Highland Park	F. Janetzki	26	Yes	Yes	No	Slight	9
May 26	Ford Motor Co	Highland Park	F. Menahan	24	Yes	Yes	No	Serious	102
May 26	Ford Motor Co	Highland Park	S. Carschiusky	22	Yes	Yes	No	Severe	4
May 26	Ford Motor Co	Highland Park	P. Zober	25	Yes	Yes	No	Slight	2
May 27	Ford Motor Co	Highland Park	A. Garavelis	18	Yes	Yes	No	Severe	120
May 27	Ford Motor Co	Highland Park	B. Lawton	29	Yes	Yes	Yes	Slight	3
May 27	Ford Motor Co	Highland Park	G. Rotz	24	Yes	Yes	Yes	Slight	5
June 2	Ford Motor Co	Highland Park	W. Atmeed	21	Yes	Yes	Yes	Slight	2
June 2	Ford Motor Co	Highland Park	J. Alley	32	Yes	Yes	No	Slight	9
June 3	Ford Motor Co	Highland Park	M. Milutinovick	23	Yes	Yes	Yes	Slight	8
June 3	Ford Motor Co	Highland Park	H. Schulz	24	Yes	Yes	No	Serious	18
June 4	Ford Motor Co	Highland Park	M. Talarchjuk	25	No		No	Slight	4
June 4	Ford Motor Co	Highland Park	W. Hulle	25	Yes	Yes	No	Slight	3
June 4	Ford Motor Co	Highland Park	A. Cowry	24	Yes	Yes	No	Slight	5
June 6	Ford Motor Co	Highland Park	J. Gordon	19	No		No	Slight	2
June 6	Ford Motor Co	Highland Park	J. Boyan	24	Yes	Yes	No	Slight	1
June 6	Ford Motor Co	Highland Park	R. Strunk	22	Yes	Yes	Yes	Severe	14
June 6	Ford Motor Co	Highland Park	L. O'Donnell	27	Yes	Yes	No	Severe	7
June 7	Ford Motor Co	Highland Park	C. Benker	21	Yes	Yes	No	Slight	7
June 9	Ford Motor Co	Highland Park	R. Ahned	30	Yes	Yes	No	Slight	7
June 10	Ford Motor Co	Highland Park	V. Vuculeson	31	No		No	Slight	2
June 10	Ford Motor Co	Highland Park	J. Sparrow	40	No		No	Slight	4
June 10	Ford Motor Co	Highland Park	T. Kowalaff	38	No		No	Slight	3

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	WAYNE CO.—*Con.*								
June 10	Ford Motor Co.	Highland Park	W. McHale	23	No		No	Serious	14
June 10	Ford Motor Co.	Highland Park	W. Lawrence	55	No		No	Slight	1
June 11	Ford Motor Co.	Highland Park	G. Gelawa	20	Yes	Yes	No	Slight	2
June 11	Ford Motor Co.	Highland Park	C. Swartz	23	No		No	Slight	4
June 11	Ford Motor Co.	Highland Park	H. Gomery	42	Yes	Yes	No	Slight	4
June 11	Ford Motor Co.	Highland Park	C. Holmes	46	Yes	Yes	No	Slight	4
June 12	Ford Motor Co.	Highland Park	R. Burns	24	No		No	Slight	3
June 12	Ford Motor Co.	Highland Park	H. Hix	30	Yes	Yes	No	Severe	10
June 12	Ford Motor Co.	Highland Park	W. Smirnow	23	No		No	Slight	2
June 12	Ford Motor Co.	Highland Park	P. Kalada	20	Yes	Yes	No	Serious	200
June 13	Ford Motor Co.	Highland Park	J. Dondineau	22	Yes	Yes	Yes	Severe	23
June 13	Ford Motor Co.	Highland Park	A. Rebic	36	Yes	Yes	No	Slight	1
June 14	Ford Motor Co.	Highland Park	F. Ranglo	18	Yes	Yes	No	Serious	15
June 15	Ford Motor Co.	Highland Park	H. Lasno	40	No		No	Slight	7
June 16	Ford Motor Co.	Highland Park	P. Gfomb	32	Yes	Yes	No	Slight	3
June 16	Ford Motor Co.	Highland Park	E. Bullock	19	No		No	Slight	1
June 16	Ford Motor Co.	Highland Park	S. George	32	No		No	Severe	7
June 16	Ford Motor Co.	Highland Park	J. Nick	24	Yes	Yes	Yes	Slight	3
June 17	Ford Motor Co.	Highland Park	A. Hazan	25	Yes	Yes	No	Slight	4
June 17	Ford Motor Co.	Highland Park	S. Campbell	26	Yes	Yes	No	Severe	21
June 19	Ford Motor Co.	Highland Park	J. Holug	25	Yes	Yes	No	Slight	3
June 19	Ford Motor Co.	Highland Park	A. Chenafski	19	Yes	Yes	No	Slight	4
June 19	Ford Motor Co.	Highland Park	J. Brandee	40	No		No	Slight	7
June 20	Ford Motor Co.	Highland Park	A. MacDonell	22	Yes	Yes	No	Slight	2
June 20	Ford Motor Co.	Highland Park	C. Rector	35	Yes	Yes	No	Slight	7
June 21	Ford Motor Co.	Highland Park	T. Cox	20	Yes	Yes	No	Slight	4
June 24	Ford Motor Co.	Highland Park	J. Prohasyka	24	Yes	Yes	No	Slight	5
June 24	Ford Motor Co.	Highland Park	F. Leon	21	Yes	Yes	Yes	Slight	2
June 25	Ford Motor Co.	Highland Park	F. Anderson	21	Yes	Yes	No	Slight	6
June 25	Ford Motor Co.	Highland Park	J. Roman	27	No		Yes	Slight	1
June 25	Ford Motor Co.	Highland Park	J. Donata	24	Yes	Yes	Yes	Severe	49
June 26	Ford Motor Co.	Highland Park	J. Zaguski	37	Yes	Yes	Yes	Slight	3
June 27	Ford Motor Co.	Highland Park	M. Alloway	45	Yes	Yes	No	Slight	2
June 27	Ford Motor Co.	Highland Park	A. Flock	28	Yes	Yes	No	Severe	7
June 27	Ford Motor Co.	Highland Park	M. Kalata	19	No		No	Slight	2
June 27	Ford Motor Co.	Highland Park	B. Relis	29	No		Yes	Slight	2
June 28	Ford Motor Co.	Highland Park	S. Frocals	35	No		No	Serious	51
June 30	Ford Motor Co.	Highland Park	J. Weent	25	No		Yes	Slight	4
July 1	Ford Motor Co.	Highland Park	T. Kozial	42	No		No	Slight	3
July 3	Ford Motor Co.	Highland Park	S. Painello	26	No		No	Severe	14
July 3	Ford Motor Co.	Highland Park	A. Tot	35	Yes	Yes	No	Severe	13
July 3	Ford Motor Co.	Highland Park	J. Harp	29	No		Yes	Severe	23
July 5	Ford Motor Co.	Highland Park	J. Pros	28	No		No	Severe	7
July 6	Ford Motor Co.	Highland Park	W. Charniznk	25	No		No	Slight	1
July 8	Ford Motor Co.	Highland Park	S. Carschinski	22	Yes	Yes	No	Slight	7
July 9	Ford Motor Co.	Highland Park	C. Hassan	36	No		No	Slight	2
July 9	Ford Motor Co.	Highland Park	S. Gaizewica	25	No		Yes	Severe	22
July 9	Ford Motor Co.	Highland Park	J. Abraham	28	No		No	Severe	4
July 10	Ford Motor Co.	Highland Park	G. Jabricbona	25	No		No	Slight	2
July 11	Ford Motor Co.	Highland Park	F. Sewandoski	26	Yes	Yes	No	Severe	28
July 14	Ford Motor Co.	Highland Park	J. Nowak	27	No		No	Slight	2
July 15	Ford Motor Co.	Highland Park	J. Seroka	29	No		No	Severe	10
July 16	Ford Motor Co.	Highland Park	J. Lazarus	32	Yes	Yes	No	Serious	31
July 16	Ford Motor Co.	Highland Park	L. Hopkins	28	No		Yes	Slight	2
July 17	Ford Motor Co.	Highland Park	S. Syragna	21	No		No	Severe	17
July 17	Ford Motor Co.	Highland Park	S. Muhammed	24	No		No	Slight	9
July 17	Ford Motor Co.	Highland Park	N. Babitdh	26	Yes	Yes	Yes	Severe	35
July 19	Ford Motor Co.	Highland Park	R. Halbert	23	Yes	Yes	No	Slight	7
July 24	Ford Motor Co.	Highland Park	J. Banas	25	No		No	Severe	2
July 25	Ford Motor Co.	Highland Park	J. Spece	34	No		No	Slight	2

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	WAYNE CO.—*Con.*								
July 25	Ford Motor Co	Highland Park	S. Sawa	22	No		No	Slight	1
July 25	Ford Motor Co	Highland Park	C. Delerque	35	No		No	Severe	24
July 26	Ford Motor Co	Highland Park	H. Wosek	22	Yes	Yes	Yes	Serious	175
July 29	Ford Motor Co	Highland Park	F. Kropkawitch	26	No		No	Severe	3
July 30	Ford Motor Co	Highland Park	M. Knaab	22	Yes	Yes	No	Severe	13
July 31	Ford Motor Co	Highland Park	J. Abraham	27	Yes	Yes	No	Severe	3
Aug. 1	Ford Motor Co	Highland Park	P. Plezier	30	No		Yes	Serious	28
Aug. 1	Ford Motor Co	Highland Park	H. Lassno	40	No		No	Severe	17
Aug. 1	Ford Motor Co	Highland Park	F. Lalewich	30	No		No	Slight	1
Aug. 3	Ford Motor Co	Highland Park	E. Malts	24	Yes	Yes	No	Slight	14
Aug. 6	Ford Motor Co	Highland Park	M. Guda	19	No		Yes	Slight	1
Aug. 7	Ford Motor Co	Highland Park	F. Davis	28	Yes	Yes	Yes	Slight	9
Aug. 7	Ford Motor Co	Highland Park	J. Vasic	33	No		Yes	Slight	3
Aug. 8	Ford Motor Co	Highland Park	J. Sindiski	28	No		Yes	Slight	1
Aug. 9	Ford Motor Co	Highland Park	E. Libhardt	33	No		No	Slight	4
Aug. 9	Ford Motor Co	Highland Park	V. Kazauski	30	No		No	Slight	5
Aug. 12	Ford Motor Co	Highland Park	H. Schutow	20	No		No	Slight	4
Aug. 14	Ford Motor Co	Highland Park	V. Goshiminski	27	No		No	Severe	14
Aug. 15	Ford Motor Co	Highland Park	F. Robbins	21	Yes	Yes	Yes	Severe	16
Aug. 16	Ford Motor Co	Highland Park	T. Czerniawski	19	Yes	Yes	Yes	Severe	36
Aug. 16	Ford Motor Co	Highland Park	C. Huke	36	No		No	Slight	1
Aug. 19	Ford Motor Co	Highland Park	J. Ribick	27	Yes	Yes	Yes	Slight	3
Aug. 19	Ford Motor Co	Highland Park	J. Spineck	31	No	Yes	Yes	Slight	4
Aug. 20	Ford Motor Co	Highland Park	N. Carlson	21	Yes	Yes	No	Slight	3
Aug. 22	Ford Motor Co	Highland Park	N. Perwat	23	No		No	Slight	2
Aug. 22	Ford Motor Co	Highland Park	G. Smiley	22	Yes	Yes	No	Severe	39
Aug. 30	Ford Motor Co	Highland Park	S. Coluig	31	Yes	Yes	No	Severe	22
Sept. 2	Ford Motor Co	Highland Park	D. Kasporck	29	Yes	Yes	No	Severe	23
Sept. 3	Ford Motor Co	Highland Park	S. Zmuats	40	No		No	Slight	1
Sept. 3	Ford Motor Co	Highland Park	L. Wickman	22	No		No	Slight	3
Sept. 3	Ford Motor Co	Highland Park	A. Gowanbieweki	49	Yes		No	Severe	8
Sept. 4	Ford Motor Co	Highland Park	S. Robel	26	No		No	Serious	9
Sept. 4	Ford Motor Co	Highland Park	S. Buzq	32	No		No	Severe	3
Sept. 6	Ford Motor Co	Highland Park	J. Pitat	27	No		No	Severe	11
Sept. 6	Ford Motor Co	Highland Park	J. Morant	25	No		No	Severe	8
Sept. 8	Ford Motor Co	Highland Park	T. Haskewitz	30	No		No	Severe	3
Sept. 9	Ford Motor Co	Highland Park	D. Weiss	34	No		No	Severe	3
Sept. 16	Ford Motor Co	Highland Park	J. Spezia	34	No		No	Slight	2
Sept. 17	Ford Motor Co	Highland Park	A. Mamat	23	Yes	Yes	Yes	Severe	5
Sept. 18	Ford Motor Co	Highland Park	R. Quick	50	No		No	Slight	1
Sept. 18	Ford Motor Co	Highland Park	M. Jaworski	18	Yes	Yes	No	Severe	14
Sept. 18	Ford Motor Co	Highland Park	C. Buts	31	Yes	Yes	No	Severe	1
Sept. 20	Ford Motor Co	Highland Park	P. Barrell	19	Yes	Yes	Yes	Severe	210
Sept. 22	Ford Motor Co	Highland Park	J. Luis	34	No		No	Slight	9
Sept. 24	Ford Motor Co	Highland Park	A. McFarland	33	Yes	Yes	Yes	Serious	30
Sept. 24	Ford Motor Co	Highland Park	J. McDowel	31	Yes	Yes	No	Slight	2
Sept. 25	Ford Motor Co	Highland Park	M. O'Mara	29	No		No	Severe	1
Sept. 25	Ford Motor Co	Highland Park	L. O'Neill	18	Yes	Yes	No	Severe	12
Sept. 26	Ford Motor Co	Highland Park	L. Gurkel	26	Yes	Yes	No	Severe	12
Sept. 26	Ford Motor Co	Highland Park	M. Cork	21	Yes	Yes	No	Severe	21
Sept. 26	Ford Motor Co	Highland Park	K. Tandilo	25	No		No	Fatal	....
Sept. 26	Ford Motor Co	Highland Park	M. Janos	27	Yes	Yes	No	Severe	3
Sept. 26	Ford Motor Co	Highland Park	G. Reizen	21	Yes	Yes	Yes	Severe	4
Sept. 26	Ford Motor Co	Highland Park	I. Radjuk	31	Yes	Yes	No	Slight	3
Sept. 26	Ford Motor Co	Highland Park	J. Sauruk	19	No		No	Severe	8
Sept. 26	Ford Motor Co	Highland Park	J. Surts	20	No		No	Severe	2
Sept. 26	Ford Motor Co	Highland Park	G. Kurst	26	Yes	Yes	No	Severe	53
Sept. 29	Ford Motor Co	Highland Park	M. Cohn	21	No		No	Severe	5
Oct. 3	Ford Motor Co	Highland Park	D. Divito	57	No		Yes	Slight	4
Oct. 3	Ford Motor Co	Highland Park	A. Oloventa	31	No		No	Slight	2

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	WAYNE CO.—*Con.*								
Oct. 4	Ford Motor Co	Highland Park	B. Zeigler	50	No		No	Slight	7
Oct. 4	Ford Motor Co	Highland Park	R. Klockka	26	No		No	Slight	13
Oct. 4	Ford Motor Co	Highland Park	W. Powers	25	No		Yes	Slight	7
Oct. 6	Ford Motor Co	Highland Park	N. Schweier	19	No		No	Slight	9
Oct. 9	Ford Motor Co	Highland Park	S. Pietro	27	Yes	Yes	No	Slight	11
Oct. 13	Ford Motor Co	Highland Park	W. Johnson	15	No		No	Slight	4
Oct. 13	Ford Motor Co	Highland Park	P. Witselle	38	No		Yes	Slight	5
Oct. 14	Ford Motor Co	Highland Park	R. Rollinson	58	Yes	Yes	No	Severe	22
Oct. 17	Ford Motor Co	Highland Park	J. Wrovlenski	18	Yes	Yes	Yes	Slight	8
Oct. 21	Ford Motor Co	Highland Park	B. Bloom	22	No		No	Slight	1
Oct. 23	Ford Motor Co	Highland Park	G. Dan	25	No		No	Slight	56
Oct. 27	Ford Motor Co	Highland Park	T. Todos	31	No		No	Severe	3
Oct. 27	Ford Motor Co	Highland Park	J. Boula	26	Yes	Yes	No	Slight	3
Oct. 27	Ford Motor Co	Highland Park	F. Lalewics	31	No		No	Slight	7
Oct. 28	Ford Motor Co	Highland Park	S. Mann	27	No		No	Slight	2
Oct. 28	Ford Motor Co	Highland Park	J. Phelps	54	Yes	Yes	No	Slight	7
Nov. 1	Ford Motor Co	Highland Park	A. Mikoluk	28	Yes	Yes	No	Slight	7
Nov. 1	Ford Motor Co	Highland Park	M. Keid	31	No		No	Slight	8
Nov. 3	Ford Motor Co	Highland Park	L. Seimma	29	No		No	Slight	2
Nov. 4	Ford Motor Co	Highland Park	H. West	38	No		No	Slight	5
Nov. 6	Ford Motor Co	Highland Park	T. Milits	34	No		No	Slight	7
Nov. 6	Ford Motor Co	Highland Park	J. Schneider	40	Yes	Yes	No	Slight	1
Nov. 11	Ford Motor Co	Highland Park	C. Mosher	23	Yes	Yes	No	Slight	7
Nov. 11	Ford Motor Co	Highland Park	E. Doughrdy	23	Yes	Yes	No	Slight	2
Nov. 11	Ford Motor Co	Highland Park	A. Supkawitch	43	No		No	Severe	25
Nov. 11	Ford Motor Co	Highland Park	J. Lyscio	42	No		No	Severe	18
Nov. 12	Ford Motor Co	Highland Park	J. Panus	28	No		No	Slight	4
Nov. 13	Ford Motor Co	Highland Park	F. Martsch	28	No		No	Slight	5
Nov. 13	Ford Motor Co	Highland Park	H. Szczerlyno	30	Yes	Yes	Yes	Slight	4
Nov. 13	Ford Motor Co	Highland Park	O. Kalotsa	27	No		No	Slight	1
Nov. 19	Ford Motor Co	Highland Park	M. Zim	20	Yes	Yes	No	Slight	1
Nov. 19	Ford Motor Co	Highland Park	E. Sabbagha	25	Yes	Yes	No	Slight	7
Nov. 19	Ford Motor Co	Highland Park	A. Shako	24	Yes	Yes	Yes	Slight	1
Nov. 21	Ford Motor Co	Highland Park	A. Hechinski	20	No		No	Slight	2
Nov. 21	Ford Motor Co	Highland Park	M. Casey	21	No		No	Slight	2
Nov. 22	Ford Motor Co	Highland Park	M. Gost	27	No		Yes	Slight	2
Nov. 24	Ford Motor Co	Highland Park	A. Parks	42	Yes	Yes	No	Slight	9
July 10	George H. Clippert & Bros	Springwells	C. Bafs	50	Yes	Yes		Fatal	....
July 15	Detroit Shipbuilding Co	Wyandotte	L. Davis	35	Yes	Yes	Yes	Fatal	....
Oct. 11	Michigan Alkali Co	Wyandotte	F. Krouse	30	Yes	Yes	No	Severe	60
Dec. 26	Michigan Alkali Co	Wyandotte	F. Scesua	35	Yes	Yes	Yes	Fatal	....
Mar. 2	Michigan Alkali Co	Wyandotte	F. Bodetyke	23	Yes	Yes	No	Severe	42
May 7	Michigan Alkali Co	Wyandotte	F. Law	48	Yes	Yes	No	Serious	35
May 8	Michigan Alkali Co	Wyandotte	J. Morsette	62	No		Yes	Fatal	....
May 31	Michigan Alkali Co	Wyandotte	A. Nidyodaski	26	Yes	Yes	No	Severe	60
Sept. 17	Michigan Alkali Co	Zilwaukee	B. A. Griffin	22	No		Yes	Slight	....
Sept. 19	Detroit Iron & Steel Co	Zug Island	M. Gorsang	40	No		Yes	Severe	90
Sept. 29	Detroit Iron & Steel Co	Zug Island	C. Zamini	28	Yes	Yes	Yes	Fatal	....
Oct. 14	Detroit Iron & Steel Co	Zug Island	L. Seres	22	No		Yes	Fatal	....
Nov. 20	Detroit Iron & Steel Co	Zug Island	J. Fencil	38	Yes	Yes	Yes	Serious	90
Dec. 6	Detroit Iron & Steel Co	Zug Island	T. Patti	30	No		Yes	Serious	60
Dec. 23	Detroit Iron & Steel Co	Zug Island	T. Smith	30	Yes	Yes	Yes	Fatal	....
Dec. 26	Detroit Iron & Steel Co	Zug Island	W. Strulea	26	No		No	Serious	250
Dec. 21	Detroit Iron & Steel Co	Zug Island	H. Laskey	41	Yes	Yes	Yes	Fatal	....

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	WEXFORD COUNTY.								
Feb. 4	Cadillac Chair Co	Cadillac	C. Potts	....	No	.....	Yes	Severe	14
Feb. 14	Cadillac Chair Co	Cadillac	A. Wiggins	33	Yes	Yes	Yes	Serious	17
Feb. 17	Cadillac Chair Co	Cadillac	H. Miller	47	Yes	Yes	Yes	Severe	14
Mar. 11	Cadillac Chair Co	Cadillac	H. Hummell	34	Yes	Yes	Yes	Fatal	....
April 8	Cadillac Chair Co	Cadillac	H. Barrous	16	No	.....	Yes	Severe	3
April 12	Cadillac Chair Co	Cadillac	G. Wilson	27	No	.....	Yes	Slight	....
April 19	Cadillac Chair Co	Cadillac	E. Stark	....	Yes	Yes	Yes	Serious	37
May 3	Cadillac Chair Co	Cadillac	E. Polmanteer	19	Yes	Yes	No	Severe	8
May 26	Cadillac Chair Co	Cadillac	J. Ranville	22	Yes	Yes	Yes	Serious	2
June 7	Cadillac Chair Co	Cadillac	J. VanMatter	16	Yes	Yes	Yes	Slight	8
June 16	Cadillac Chair Co	Cadillac	L. Sidelinker	15	Yes	Yes	Yes	Severe	9
June 18	Cadillac Chair Co	Cadillac	C. Kibbey	59	Yes	Yes	Yes	Slight	....
July 30	Cadillac Chair Co	Cadillac	J. Stayer	22	Yes	Yes	Yes	Slight	3
Aug. 4	Cadillac Chair Co	Cadillac	J. Warner	38	Yes	Yes	Yes	Slight	....
Sept. 6	Cadillac Chair Co	Cadillac	J. Grimm	50	Yes	Yes	Yes	Slight	....
Sept. 10	Cadillac Chair Co	Cadillac	C. Henderson	19	Yes	Yes	Yes	Slight	4
Oct. 1	Cadillac Chair Co	Cadillac	A. Tompkins	19	No	.....	Yes	Slight	....
Dec. 6	Cadillac Chemical Co	Cadillac	W. LeMaster	62	No	.....	No	Slight	31
Dec. 31	Cadillac Chemical Co	Cadillac	G. Kumfer	38	No	.....	No	Slight	3
Feb. 20	Cadillac Chemical Co	Cadillac	C. Munson	48	No	.....	No	Slight	7
April 2	Cadillac Chemical Co	Cadillac	G. Kumfer	38	No	.....	No	Slight	....
Sept. 29	Cadillac Chemical Co	Cadillac	C. Benson	31	Yes	.....	No	Slight	....
Oct. 3	Cadillac Chemical Co	Cadillac	E. Schmuck	29	Yes	.....	No	Slight	4
Oct. 15	Cadillac Chemical Co	Cadillac	S. Root	22	No	.....	No	Slight	....
Mar. 22	The Cadillac Handle Co	Cadillac	P. Johnson	50	Yes	Yes	No	Slight	....
April 11	The Cadillac Handle Co	Cadillac	P. Algren	60	Yes	Yes	No	Slight	5
May 13	The Cadillac Handle Co	Cadillac	G. Moore	30	Yes	Yes	No	Slight	10
June 4	The Cadillac Handle Co	Cadillac	P. Johnson	50	Yes	Yes	No	Slight	7
July 9	The Cadillac Handle Co	Cadillac	C. Foreman	45	No	.....	No	Slight	....
July 14	The Cadillac Handle Co	Cadillac	A. Kidder	25	Yes	Yes	No	Slight	....
Aug. 27	The Cadillac Handle Co	Cadillac	A. Carlson	47	No	.....	No	Slight	....
Aug. 28	The Cadillac Handle Co	Cadillac	W. Fossrum	34	Yes	Yes	No	Slight	2
Oct. 2	The Cadillac Handle Co	Cadillac	C. Hammer	40	No	.....	Yes	Slight	10
Oct. 17	The Cadillac Handle Co	Cadillac	O. Huttgren	44	Yes	Yes	No	Slight	2
Oct. 5	The Cadillac Mfg. Co	Cadillac	H. Haysmer	45	Yes	Yes	No	Slight	....
Nov. 1	The Cadillac Mfg. Co	Cadillac	P. Shuler	25	Yes	Yes	No	Slight	3
Aug. 5	The Cadillac Mfg. Co	Cadillac	A. Debutts	20	Yes	Yes	Yes	Slight	4
Aug. 18	The Cadillac Mfg. Co	Cadillac	J. Chapman	26	No	.....	.....	Slight	12
Oct. 16	The Cadillac Mfg. Co	Cadillac	C. Downer	23	No	.....	.....	Serious	12
Sept. 6	Cobbs & Mitchell, Inc	Cadillac	F. Plunket	21	Yes	Yes	Yes	Slight	4
Sept. 14	Cobbs & Mitchell, Inc	Cadillac	M. Stevens	38	No	.....	Yes	Slight	5
Oct. 7	Cobbs & Mitchell, Inc	Cadillac	W. Sherman	55	No	.....	No	Slight	....
Oct. 22	Cobbs & Mitchell, Inc	Cadillac	C. Davis	28	No	.....	No	Severe	14
Nov. 25	Cobbs & Mitchell, Inc	Cadillac	R. Kennedy	23	Yes	No	Yes	Slight	7
Jan. 11	Cobbs & Mitchell, Inc	Cadillac	G. Sunberg	51	No	.....	Yes	Slight	3
Jan. 13	Cobbs & Mitchell, Inc	Cadillac	L. Sprague	24	No	.....	No	Severe	24
Jan. 18	Cobbs & Mitchell, Inc	Cadillac	W. Bigelow	21	Yes	Yes	No	Slight	3
Jan. 23	Cobbs & Mitchell, Inc	Cadillac	J. Agena	26	Yes	Yes	Yes	Severe	15
Jan. 24	Cobbs & Mitchell, Inc	Cadillac	C. Lundquist	54	Yes	Yes	Yes	Serious	4
Jan. 28	Cobbs & Mitchell, Inc	Cadillac	H. Heil	24	Yes	Yes	Yes	Slight	2
Feb. 10	Cobbs & Mitchell, Inc	Cadillac	N. Phillips	18	Yes	Yes	Yes	Slight	6
Feb. 26	Cobbs & Mitchell, Inc	Cadillac	C. Keene	68	No	.....	No	Slight	5
Feb. 27	Cobbs & Mitchell, Inc	Cadillac	E. Leach	21	No	.....	No	Slight	2
Mar. 3	Cobbs & Mitchell, Inc	Cadillac	G. Baker	31	Yes	Yes	Yes	Severe	75
Mar. 11	Cobbs & Mitchell, Inc	Cadillac	R. Anderson	20	No	.....	No	Slight	8
April 29	Cobbs & Mitchell, Inc	Cadillac	S. Thompson	53	No	.....	Yes	Slight	5
May 17	Cobbs & Mitchell, Inc	Cadillac	E. Joslin	53	No	.....	Yes	Severe	22
June 18	Cobbs & Mitchell, Inc	Cadillac	A. Harwitch	33	No	.....	Yes	Slight	1
June 21	Cobbs & Mitchell, Inc	Cadillac	A. Elliott	40	No	.....	Yes	Slight	3
June 26	Cobbs & Mitchell, Inc	Cadillac	F. Theobalt	32	No	.....	Yes	Slight	1

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	WEXFORD CO.—*Con.*								
July 19	Cobbs & Mitchell, Inc	Cadillac	A. Malinborg	43	No		No	Severe	14
July 23	Cobbs & Mitchell, Inc	Cadillac	H. Arndt	28	No		No	Slight	1
July 30	Cobbs & Mitchell, Inc	Cadillac	E. Olsen	20	No		No	Slight	3
Aug. 8	Cobbs & Mitchell, Inc	Cadillac	M. Gregg	35	No		No	Slight	7
Aug. 16	Cobbs & Mitchell, Inc	Cadillac	J. Hopkins	32	Yes	Yes	Yes	Severe	28
Sept. 18	Cobbs & Mitchell, Inc	Cadillac	A. Childs	30	Yes	Yes	No	Slight	3
Sept. 25	Cobbs & Mitchell, Inc	Cadillac	J. Journeau	20	Yes	Yes	Yes	Slight	....
Oct. 8	Cobbs & Mitchell, Inc	Cadillac	J. Gordon	28	No		Yes	Severe	25
Oct. 22	Cobbs & Mitchell, Inc	Cadillac	J. Miller	48	Yes	Yes	No	Severe	10
Dec. 12	Cummer-Diggins Co	Cadillac	C. Bundy	44	No		No	Slight	4
Dec. 20	Cummer-Diggins Co	Cadillac	D. Crossman	46	No		No	Severe	33
Dec. 26	Cummer-Diggins Co	Cadillac	E. McIntyre	20	No		No	Severe	41
Jan. 2	Cummer-Diggins Co	Cadillac	G. Birst	....	Yes	Yes	No	Slight	....
Jan. 11	Cummer-Diggins Co	Cadillac	A. Sidelinker	24	Yes	Yes	Yes	Slight	....
Jan. 19	Cummer-Diggins Co	Cadillac	W. Love	....	No		No	Slight	....
Jan. 25	Cummer-Diggins Co	Cadillac	E. Dyer	26	No		No	Severe	29
Jan. 25	Cummer-Diggins Co	Cadillac	O. Tanocker	18	Yes	Yes	No	Slight	8
Jan. 31	Cummer-Diggins Co	Cadillac	A. Brundage	40	Yes	Yes	No	Slight	4
Feb. 6	Cummer-Diggins Co	Cadillac	F. Gasette	36	No		No	Slight	2
Feb. 10	Cummer-Diggins Co	Cadillac	C. Bradley	31	Yes	Yes	Yes	Severe	28
Feb. 19	Cummer-Diggins Co	Cadillac	L. Price	30	Yes	Yes	No	Slight	5
Mar. 2	Cummer-Diggins Co	Cadillac	W. Montague	23	Yes	Yes	No	Slight	7
Mar. 5	Cummer-Diggins Co	Cadillac	C. Ripley	50	Yes	Yes	No	Slight	3
Mar. 10	Cummer-Diggins Co	Cadillac	Z. Averill	42	No		No	Severe	35
Mar. 25	Cummer-Diggins Co	Cadillac	J. Lumberg	50	No		No	Severe	26
Mar. 26	Cummer-Diggins Co	Cadillac	L. Cohoon	43	Yes	Yes	No	Severe	8
April 5	Cummer-Diggins Co	Cadillac	O. Raper	28	No		No	Slight	....
April 19	Cummer-Diggins Co	Cadillac	J. Andrews	23	No		No	Slight	9
May 13	Cummer-Diggins Co	Cadillac	J. Blair	50	Yes	Yes	No	Severe	70
May 28	Cummer-Diggins Co	Cadillac	F. Ash	36	Yes	Yes	No	Slight	32
May 31	Cummer-Diggins Co	Cadillac	J. Green	26	No		No	Slight	4
June 17	Cummer-Diggins Co	Cadillac	H. Boerma	21	Yes	Yes	No	Slight	3
June 23	Cummer-Diggins Co	Cadillac	J. Bersdorf	22	Yes	Yes	No	Slight	14
June 27	Cummer-Diggins Co	Cadillac	H. Laney	52	Yes	Yes		Slight	16
June 29	Cummer-Diggins Co	Cadillac	G. Stople	55	Yes	Yes	Yes	Fatal	....
July 17	Cummer-Diggins Co	Cadillac	A. Sodergreen	43	No		No	Slight	7
July 21	Cummer-Diggins Co	Cadillac	Z. Averill	43	Yes	Yes	No	Severe	35
July 31	Cummer-Diggins Co	Cadillac	J. Brisson	50	Yes	Yes		Slight	....
Aug. 4	Cummer-Diggins Co	Cadillac	J. Phillips	50	Yes	Yes	No	Severe	7
Aug. 5	Cummer-Diggins Co	Cadillac	O. Swenson	39	Yes	Yes	No	Severe	25
Aug. 20	Cummer-Diggins Co	Cadillac	S. Barber	21	Yes	Yes	No	Slight	1
Aug. 27	Cummer-Diggins Co	Cadillac	J. Bradford	40	No		No	Severe	55
Sept. 1	Cummer-Diggins Co	Cadillac	C. Frock	36	Yes	Yes	No	Slight	....
Sept. 9	Cummer-Diggins Co	Cadillac	J. Brady	39	Yes	Yes	No	Slight	5
Sept. 16	Cummer-Diggins Co	Cadillac	C. Rittenour	39	Yes	Yes	No	Slight	6
Sept. 22	Cummer-Diggins Co	Cadillac	M. O'Neil	48	Yes	Yes	No	Slight	20
Sept. 26	Cummer-Diggins Co	Cadillac	R. Small	21	Yes	Yes	No	Slight	4
Oct. 16	Cummer-Diggins Co	Cadillac	G. Pickle	37	Yes	Yes	No	Slight	4
Oct. 21	Cummer Mfg. Co	Cadillac	N. Shauger	27	Yes	Yes	No	Slight	3
Oct. 23	Cummer Mfg. Co	Cadillac	R. Ross	16	Yes	Yes	Yes	Slight	....
Nov. 26	Mitchell-Diggins Iron Co	Cadillac	A. Schmidt	35	No		No	Slight	11
Sept. 8	Mitchell Brothers Co	Cadillac	H. Virta	22	No			Slight	12
Sept. 10	Mitchell Brothers Co	Cadillac	W. McIntyre	18	No		No	Slight	....
Sept. 17	Mitchell Brothers Co	Cadillac	M. Hill	35	No		No	Slight	10
Sept. 25	Mitchell Brothers Co	Cadillac	R. Gaut	26	Yes	Yes		Slight	4

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Record of accidents given by counties, etc.—Continued.

Date of accident.	Name of firm or factory.	Where located.	Name of injured person.	Age of injured person.	Was injured person working around machinery.	Was machinery where accident occurred properly guarded.	Was accident due to carelessness of person injured.	Was the result fatal, serious, severe or slight.	Days injured person was disabled.
	WEXFORD CO.—*Con.*								
Oct. 18	Stewart Fuel & Supply Co	Cadillac	J. Davis	19	No		No	Slight	3
Oct. 12	St. Johns Table Co	Cadillac	J. Griffin	59	Yes	Yes	No	Serious	1
Oct. 30	St. Johns Table Co	Cadillac	D. Tripp	27	No		No	Slight	6
Nov. 19	St. Johns Table Co	Cadillac	L. Gardiner	24	No		No	Slight	4
Nov. 29	St. Johns Table Co	Cadillac	N. Sorensen	56	No		No	Slight	....
Dec. 12	St. Johns Table Co	Cadillac	F. Coslow	21	Yes	Yes	No	Slight	7
July 18	St. Johns Table Co	Cadillac	H. Evans	18	Yes	Yes	Yes	Serious	31
Sept. 1	St. Johns Table Co	Cadillac	A. Fisher	36	No		No	Slight	....
Sept. 15	St. Johns Table Co	Cadillac	D. Tripp	28	No		No	Slight	9
Sept. 20	St. Johns Table Co	Cadillac	C. Wilson	23	Yes	Yes	No	Slight	13
Oct. 14	St. Johns Table Co	Cadillac	E. Ellofson	37	Yes	Yes	No	Slight	1
Nov. 14	St. Johns Table Co	Cadillac	N. Harsen	53	No		No	Slight	21

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ORDERS ISSUED IN FACTORIES.

ALCONA COUNTY.

Lincoln.

THE LINCOLN CREAMERY.—Within ninety days install low water alarm on your steam boiler.

ALCONA ROLLER MILLS.—Install low water alarm on steam boiler.

ALGER COUNTY.

Munising.

MUNISING FOUNDRY CO.—Within twenty days place an approved low water alarm on steam boiler; place guard over emery wheel in your machine shop.

THE MCDOUGALL MERCANTILE CO.—Within ten days have hand rail placed on stairway to basement.

THE CLEVELAND-CLIFFS IRON CO.—Within twenty days arrange to have low water alarm placed in good condition; clean up floor of engine room.

SUPERIOR VENEER & COOPERAGE CO.—At once arrange a schedule of working hours for your female employes to conform with section 9 which states that they shall not work more than an average of nine hours per day in any one week or ten hours in any one day, making an average of fifty-four hours in any one week; place hand railing on stairway to filing room.

YOUNG LEE LAUNDRY.—At once clean up premises and place your laundry in a sanitary condition.

FRANK HAUSLER.—Within two days file working permit for boy between fourteen and sixteen years of age working at your shop after school hours.

MUNISING STEAM LAUNDRY.—Within ten days place hand rail on stairway leading from ground floor to basement.

MUNISING VENEER CO.—Within twelve days cover all emery wheels, and place guards over circular saws in crating room.

MUNISING PAPER CO.—At once arrange to have toilets in factory placed in sanitary condition; place wire cages over governor balls on large engine; cover all exposed gear wheels.

ARTHUR MILLER.—At once place refrigerator in a sanitary condition.

MUNISING LEATHER CO.—Within two days file working permit for boy between 14 and 16 years of age working after school hours.

ALLEGAN COUNTY.

Allegan.

BAINES, MOSIER & CO.—Within thirty days install a low water alarm on boiler.

Martin.

MARTIN DAIRY & PRODUCE CO.—Within thirty days install a low water alarm on boiler.

Miner Lake.

MINER LAKE CREAMERY CO.—Within thirty days install low water alarm on boiler.

ALPENA COUNTY.

Alpena.

WILLIAM ALEE.—At once file permit for one boy between fourteen and sixteen years of age.

ALPENA GAS CO.—At once provide light and ventilation in basement of purifying room.

ALPENA HARDWARE CO.—At once file permit for one boy between fourteen and sixteen years of age.

COHEN & CO.—At once repair floor in tailor shop.

JOHN DEHRING BREWING CO.—At once guard pulley on washtub; equip stairway in basement with hand rail; provide hand rail on stairway in stock room.

C. W. EDWARDS.—At once file permit for one boy between fourteen and sixteen years of age.

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J. W. GAVAGAN & Co.—At once provide sanitary toilet for use of female employes.

GRAND UNION EAGLE CIGAR Co.—At once file permit for one boy between fourteen and sixteen years of age.

HURON PORTLAND CEMENT Co.—At once guard all belts which run near floors; guard all exposed set screws; guard all shafting which men have to step over; install guard rail on gangway at rear of conveyor.

ISACKSON BROS.—At once place shop in sanitary condition.

THE NORTHERN FOUNDRY Co.—At once install an approved low water alarm on boiler.

ONAWAY-ALPENA TELEPHONE Co.—At once change door to operating room to swing outward.

JOSEPH SARO.—At once guard three exposed set screws on line shaft and ice cream freezers.

THUNDER BAY MILLING Co.—At once guard all exposed set screws; equip basement stairs with hand rails.

ANTRIM COUNTY.

Alba.

THE ANDERSON HANDLE & LUMBER Co.—At once guard all exposed set screws on handle machines.

THE ALBA CUSTOM MILLS.—At once repair all broken floors; guard main drive belt; do not permit debris to accumulate on floors where men are at work.

Bellaire.

W. H. RICHARDS.—At once guard gear on drill machine.

BELLAIRE MUNICIPAL LIGHTING PLANT.—At once guard crown wheel; guard main drive belts; guard switch board.

Elk Rapids.

MICHIGAN STATE TELEPHONE Co.—At once provide toilet room for female employes; at once clean and keep toilet in hall in a sanitary condition.

Mancelona.

THE MANCELONA LUMBER Co.—At once equip boiler with an approved low water alarm.

THE MANCELONA WATER WORKS.—At once repair floor in engine room of pumping station.

WISLER & Co.—At once equip elevator with automatic gate.

ARENAC COUNTY.

Sterling.

D. M. SCOTT'S CREAMERY.—Within ninety days install an approved low water alarm on boiler.

BARAGA COUNTY.

L'Anse.

L'ANSE GARAGE Co.—Within ten days arrange to have a guard placed over emery wheel in your shop.

CHAS. JACOBSON.—Within twenty days place low water alarm on steam boiler in sausage room.

JOSEPH BOYER.—Within twenty days have your band saw covered and guarded and all exposed set screws covered or countersunk.

BARRY COUNTY.

Freeport.

C. A. CURTISS.—Within fifteen days provide guard for buss planer and maintain same.

JOB CHEESEBROUGH.—Within twenty days provide guards for both shapers in your factory.

Z. F. FOX & SON.—Within twenty days provide guard for buss planer, lower wheel of band saw, shaper and rip saw, and cover set screws.

Hastings.

HASTINGS MILLING Co.—Within ten days cover set screws on counter shaft in basement.

CONSOLIDATED PRESS & TOOL Co.—Within ten days provide guard for buss planer in pattern shop; cover gears on drill presses.

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HASTINGS TABLE CO.—At once secure permits for boys between fourteen and sixteen years of age and discharge boys under fourteen years of age; do not permit boys under eighteen years of age to work more than fifty-four hours per week nor more than ten hours in any one day.

GRAND RAPIDS BOOK CASE & CHAIR CO.—Within thirty days provide automatic gates for elevators; repair low water alarms.

HASTINGS CABINET CO.—Within thirty days provide automatic gates for all elevators; guard engine fly wheel; cover gears on combination machine.

THORNAPPLE GAS & ELECTRIC CO.—Within thirty days equip boiler with an approved low water alarm.

C. W. ALLEN.—Within twenty days provide guards for buss planer and cut off saw and protect lower wheel of band saw.

HASTINGS INTERIOR FINISH WORKS.—Within thirty days provide guard for buss planer and for cut off saw.

Middleville.

MIDDLEVILLE CO-OPERATIVE CREAMERY ASS'N, LTD.—Within ten days repair low water alarm on boiler.

Nashville.

JOHN E. TAYLOR.—Within ten days repair low water alarms on boilers.

BAY COUNTY.

Bay City.

THE MERSHON-BACON CO.—Within fifteen days place boards under the two belts that run Linderman and Cabinet machines in box factory.

MATHEW LAMONT.—Guard elevator.

BAY CITY WOOD PLASTER CO.—Within thirty days provide stair railing.

WOLVERINE LUMBER CO.—Within thirty days place guards at front end of planers to protect workmen in case belts should break.

AMONICA KNITTING WORKS.—Within thirty days install a low water alarm on boiler.

VASOLD BROTHERS & CO.—Within thirty days install low water alarm on boiler.

VALLEY VULCANIZING WORKS.—Within thirty days install an approved low water alarm on boiler.

GENERAL VULCANIZING & SUPPLY HOUSE.—Within thirty days place an approved low water alarm on boiler.

E. B. MULLER & CO.—Within ninety days change your fire escape ladder from the south to the west side of your factory, said ladder to run from top of upper window to the ground.

DETROIT & MACKINAC RAILWAY CO.—Within sixty days install an approved low water alarm on the steam boiler at your pumping station at Bryant.

Bentley.

O. A. BENTLEY.—Within thirty days place an approved low water alarm on boiler.

BENZIE COUNTY.

Benzonia.

CASE BROS. LUMBER CO.—Within ninety days equip boiler with an approved low water alarm.

Beulah.

GEO. M. DONKEY & SON.—At once equip boiler with an approved low water alarm.

Carters.

DESMOND CHARCOAL & CHEMICAL CO.—At once discontinue the practice of violating the fifty-four hour law; keep a copy of section 9 posted up in your plant.

Elberta.

ANN ARBOR R. R. SHOP.—At once discontinue the practice of violating the fifty-four hour law.

Frankfort.

ARMOUR & CO.—At once guard all exposed set screws; have low water alarm repaired or replaced with a new one; keep factory in a sanitary condition.

Thompsonville.

THE PIQUA HANDLE & MFG. CO.—Within ten days protect all exposed set screws; erect a hood over all emery wheels; guard cog gearing and all belt gearing.

THE THOMPSONVILLE PLANING MILL.—Within thirty days equip boiler with an approved low water alarm.

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THE THOMPSONVILLE NEWS.—Guard all exposed set screws on line shaft, also guard fly wheel on Taylor press.

THOMPSONVILLE LIGHT & WATER PLANT.—Within thirty days equip boiler with an approved low water alarm; protect cog gearing in wheel house.

BERRIEN COUNTY.

Benton Harbor.

F. P. ROSBACK CO.—Within twenty days guard all exposed set screws and open gear on milling machine.

RICABY & SMITH.—Within ten days guard all exposed set screws.

CAMPBELL-NAYLOR GARMENT CO.—Within five days guard exposed set screws on end of line shaft.

BAKER-VAWTER CO. No. 1.—At once file permit for one boy under sixteen years of age.

W. A. PRESTON.—Within fifteen days equip saws with proper safety guards and guard all exposed set screws.

SARANAC MACHINE CO. Within ten days guard all exposed set screws.

LUTES SINCLAIR CO. Within ten days guard all exposed set screws.

GEO. B. THAYER & CO.—At once file permits for two boys under sixteen years of age, and guard all exposed set screws.

COLBY-HINKLEY CO.—Within ten days guard all exposed set screws and repair blower connections on header saw.

THE PETERS-PITKIN CO.—Within five days guard two set screws on counter shaft.

Berrien Springs.

THE BERRIEN SPRINGS ERA.—Within ten days file permit for one boy between fourteen and sixteen years of age.

B. M. BUTTERFIELD CO.—Within ten days place sign on ladies' toilet designating same, and file permit for one girl between fourteen and sixteen years of age.

Buchanan.

BUCHANAN ELECTRIC STEEL CO.—Within twenty days install a low water alarm on steam boiler.

Chickanning.

CITIZENS CREAMERY CO.—Within thirty days install a low water alarm on boiler.

Eau Claire.

C. H. GODFREY & SON.—Within five days guard all exposed set screws.

Glendora.

THE BISHOP CREAMERIES.—Within fifteen days install a low water alarm on steam boiler.

Niles.

NILES STEEL TANK CO.—Within ten days guard set screws on counter shaft in machine room.

CARMI R. SMITH.—Within ten days provide proper safety guard for rip saw.

SANITARY LAUNDRY.—Within ten days repair low water alarm.

THE EARL-STORMS CO.—Within ten days guard open gears on resaw.

NILES DAILY STAR.—Within ten days guard all exposed set screws.

KAWNEER MFG. CO.—Within ten days install a low water alarm on steam boiler.

St. Joseph.

BRADFORD & CO.—At once file permits for two girls between fourteen and sixteen years of age.

THE DAIGNEAU LAUNDRY CO.—Within ten days guard all exposed set screws.

ENGBERG'S ELECTRIC & MECHANICAL WORKS.—Within ten days guard lower part of band saw in basement and all exposed set screws.

COOPER, WELLS & CO.—At once file permits for all children between fourteen and sixteen years of age.

Three Oaks.

THREE OAKS CREAMERY.—Within ten days install a low water alarm on steam boiler.

BRANCH COUNTY.

Coldwater.

THE J. B. HELLENBERG CO.—Within ten days cover all set screws on main and counter shafts; properly guard elevators; at once reduce hours of employment of female to fifty-four hours per week.

PRATT MFG. CO.—Within thirty days properly guard all band saws and all cut

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off saws; cover all set screws; cover set screw on planer pulley; guard double head shaper; guard buss planer No. 62; provide automatic gates for elevator; repair low water alarm on boiler; provide hand rails on stairways; provide railing for open chute in store room; secure permits for boys under sixteen years; at once discharge boys under fourteen years of age.

REGAL GASOLINE ENGINE CO.—Within twenty days provide guards for band saw and for cut off saw.

COLDWATER STEAM LAUNDRY.—Within ten days cover all set screws on main and counter shafts.

BRANCH MFG. CO.—Within ten days provide automatic gates for elevator, third floor.

WOLVERINE PORTLAND CEMENT CO.—Within thirty days adjust low water alarms on boilers; cover set screws on main and counter shafts; guard large gear on rotary drive shaft; provide automatic gates for elevator in packing room.

BALL & SON.—Within twenty days provide guards for buss planer and shaper; cover set screws on all shafting.

SANFORD LORING.—Within twenty days provide guard for band saw and guard for buss planer; repair low water alarm.

COLDWATER LIGHT & WATER WORKS.—Within ten days provide guard for pump gear; repair low water alarms on boilers.

WESTERN RESERVE CONDENSED MILK CO.—Within ten days cover gears of cooling tanks; repair and keep in order the low water alarms on boilers.

THURLOW TITUS.—Within ten days provide a reasonable supply of lime water, sweet oil, vaseline, bandages and absorbent cotton.

CHAMPION BRASS WORKS.—Within ten days provide emergency remedies—lime water, sweet oil, vaseline, absorbent cotton and bandages; repair low water alarm on boiler.

STOKES MFG. CO.—Within ten days provide guard for shaper.

WM. A. COOMBS MILLING CO. Within thirty days guard all set screws on main and counter shafting.

W. H. SCHMEDLEN.—Within thirty days guard elevator with automatic gates.

LEGG LUMBER CO.—At once cease employing female more than fifty-four hours per week.

JOHN F. LAURA.—Within thirty days provide guard for buss planer and shaper; guard band saw and cut off saws, and cover all set screws on main and counter shafts.

SMITH & BISBEE.—Within ten days guard gears on dough mixer.

COLDWATER CREAMERY. Within ten days repair low water alarm and cover all set screws on main shaft.

TAPPAN SHOE MFG. CO.—Within ten days secure permits for children under sixteen years of age; repair low water alarm on boiler.

Quincy.

WOLVERINE PORTLAND CEMENT CO.—Within ten days provide guards for gears on clay crushers; provide guard rail for motor drive belt; cover all set screws on main and counter shafting; cease employing boys under eighteen years of age more than fifty-four hours per week.

QUINCY CREAMERY CO.—Within ten days place guard around churn and cover all set screws on main shaft; place guard around engine fly wheel.

Union City.

PEERLESS YEAST CO.—Within ten days repair low water alarm on boiler.

CALHOUN COUNTY

Albion.

NATIONAL SPRING & WIRE CO.—Within twenty days cover cut off saw with guard.

THE UNION STEEL SCREEN CO., LTD.—Within thirty days provide low water alarm for boiler.

NIXON-GLASCOFF.—Within twenty days provide emergency remedies in foundry.

COOK-KNEELAND CO.—Within ten days provide guard for band saw.

THE MODEL LAUNDRY.—Within ten days equip boiler with low water alarm, and provide guard for elevator shaft.

MICHIGAN UNITED TRACTION CO.—Within thirty days cover all set screws on main and counter shafting; guard back gears on lathe and drive belt of motor; provide guards for band saw, buss planer and shaper; maintain guard on rip saw.

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Battle Creek.

ANHEUSER BUSCH BREWING ASS'N.—Within fifteen days equip elevator with automatic gates.

BATTLE CREEK STORAGE & CARTING CO.—Within ten days equip elevator with automatic gates.

THE BIG FOUR PRINTING INK CO.—Within fifteen days equip elevator with automatic gate on first floor.

J. F. HALLADAY & SON.—Within twenty days equip elevator with automatic gates.

JONES & FITZGERALD.—Within ten days repair automatic gate of elevator on second floor.

F. J. KELLOGG CO.—Properly guard elevator openings.

NICHOLS & SHEPARD CO.—Within thirty days equip wash troughs with independent cocks to enable each man to wash in running water; equip hand cranes in foundry with dogs for stopping gears; cover bevel gears on all drill presses.

THE QUAKER OATS CO.—Within fifteen days equip elevators with automatic gates inside of sliding doors.

MRS. F. A. SCHUSTER.—Arrange schedule of hours to conform with state law.

Comstock.

COMSTOCK MFG. CO. Within thirty days cover all set screws on main counter shafting; cover all gears; repair low water alarm on boiler.

COMSTOCK CELERY CO.—Within ten days provide proper guard for engine fly wheel.

Marshall.

MARSHALL FURNACE CO.—Within thirty days cover set screw on Pickford drill and on all line shafting; secure working permits for boys under sixteen; guard elevator pit.

UDELL BROS.—Within fifteen days provide safety gates for elevator.

MARSHALL DAILY NEWS.—Within ten days guard key heads on fly wheels of presses.

STANDARD PRINTING CO.—Within ten days provide guard for motor belt.

MARSHALL CITY WATER & ELECTRIC WORKS.—Within thirty days provide low water alarms for both boilers in water plant; guard with railing the belts and pulleys of generators in electric light plant.

F. W. MERCHANT.—At once secure permit to employ boy under sixteen years of age.

MARSHALL CREAMERY CO.—Within ten days place guard rail back of churn.

CALHOUN COUNTY INFIRMARY.—Within thirty days equip boilers with approved low water alarms; repair range in kitchen; provide two inch fire hose in each hall for use in case of fire; place guard rail around gasoline engine in pump house.

Tekonsha.

TEKONSHA CREAMERY.—Within thirty days equip boiler with approved low water alarm.

CASS COUNTY.

Cassopolis.

LAKE FRONT CIDER MILL.—Within thirty days install a low water alarm on boiler.

Dowagiac.

GEORGE PHILLIPS.—At once install a low water alarm on boiler.

Glenwood.

E. E. MOTT.—Within thirty days install a low water alarm on boiler.

HAMPTON STOCK FARM CO.—Within thirty days repair low water alarms on boilers in Heading Mill.

Jones.

JONES FEED MILL.—Within thirty days install a low water alarm on boiler.

Kingston.

D. W. EBY.—Within thirty days install a low water alarm on boiler.

Penn.

HECKETHORN SAW MILL.—Within thirty days install a low water alarm on boiler.

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CHARLEVOIX COUNTY.

Boyne City.

BOLTED BASKET CO.—Within thirty days place an approved low water alarm on boiler.

BOYNE CITY CHEMICAL CO.—At once provide a longer extension to pipes over ovens; make tar tank tight so as to prevent fumes from escaping; repair and put all windows in cupalo in working order and equip same with opening ropes; provide four exhaust fans in dry room and exhaust fan in retort room.

CHEBOYGAN COUNTY.

Beaugrand.

A. T. WOLLANGUR.—Guard main drive belt; repair all broken floors.

Black River.

WM. GANER.—At once equip boiler with an approval low water alarm; guard all exposed set screws.

Cheboygan.

THE CHEBOYGAN NOVELTY TURNING WORKS.—Guard exposed set screw on rip saw.

CHEBOYGAN FLOUR MILL CO.—Guard all exposed set screws; guard belt on purifier; equip stairway in basement with hand rail; guard main drive belt.

CHEBOYGAN MFG. CO.—At once guard set screw on rip saw machine; guard drive belt to carpenter shop; guard band saw; repair floor in engine room.

CEPHAS DORE.—At once guard band saw; repair floor in woodwork shop; remove all refuse and keep floor clear around woodworking machines.

J. R. LEISHMAN.—At once equip boiler with an approved low water alarm; provide railing on basement stair.

Lakeside.

LAKESIDE LUMBER CO.—At once equip boiler with an approved low water alarm; guard all belts and dangerous places.

Mackinaw City.

MICHIGAN CENTRAL RAILROAD COMPANY.—At once repair low water alarm on boiler in Round House.

Munro.

WOLF BROS.—Guard all exposed set screws; repair all floors; guard all belts; guard gear on saw dust conveyor; equip stairway with hand rail.

Wolverine.

CHAS. PARROT.—At once equip boiler with an approved low water alarm; guard main drive belt; guard all exposed set screws; repair all broken places in floor.

CHIPPEWA COUNTY.

Brimley.

MICHIGAN PULP WOOD CO.—At once guard all timber chutes; provide hand rail on all stairways; install foot rails on all openings on gangways; install hand rail on two stairs leading to second floor; guard main drive belt running through floor.

Detour.

G. H. LEONARD.—At once box in and guard counter shaft that drives slab saw; guard all exposed set screws.

Rudyard.

C. E. WILLIAMS.—At once install low water alarm on boiler; guard all exposed set screws.

Sault Ste. Marie.

FRANCES STELZMAN & CO.—At once file permit for one girl between fourteen and sixteen years of age; do not permit females in your employ to work for a longer period than ten hours in any one day nor more than fifty-four hours in any one week.

J. R. MERRIFIELD.—At once file permit for one boy between fourteen and sixteen years of age.

SOO WOOLEN MILLS.—At once guard all exposed set screws.

UNION CARBIDE CO.—At once provide new cable for No. 1 elevator; guard sprocket chain in packing room; guard belt and sprocket chain on second floor of packing department; install hand rail around opening on gallery.

NORTHWESTERN LEATHER CO.—At once file permits for all boys between fourteen and sixteen years of age; do not permit boy under eighteen years of age to operate dangerous machinery.

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TYMON LUMBER CO.—At once guard all belts extending through floor to work shop; guard exposed set screw on sander; repair gangway to warehouse.

EDISON SAULT ELECTRIC CO.—At once guard large belt in room No. 1.

SOO FLOURING MILLS CO.—At once guard all exposed set screws; guard main drive belt on second floor.

MACARTHUR BROS. CO.—At once provide blasting mats to be used on all blasts; provide immediate assistance and aid for all injured employes; do not permit any but experienced and competent engineers to operate locomotive engines; do not permit employes to work over unexploded blasts; provide experienced signal men.

Strongs.

E. TURNER.—At once guard main drive belt; repair all broken places in floor; guard large opening through floor at end of truck; at once guard belts running through floor in saw mill; repair all broken places in floor.

CLARE COUNTY.

Clare.

GEO. MCKEEVER.—Within five days place low water alarm in good working condition.

CLINTON COUNTY.

Elsie.

HANKINS BROTHERS.—Within five days place railing around stairway leading to bean picking room.

Eureka.

O. E. BECK & CO.—Within five days place low water alarm on boiler.

Fowler.

C. STURGIS & SON.—Place guard around big belt.

St. Johns.

ST. JOHNS STEAM LAUNDRY.—At once guard big belt.

CRAWFORD COUNTY.

Grayling.

MANISTEE & NORTH-EASTERN RAILROAD CO.—Within sixty days install an approved low water alarm on steam boiler used for pumping.

DELTA COUNTY.

Escanaba.

RICHTER BREWING CO.—Within five days repair low water alarms on boilers.

BRAUNS & VAN.—Within ten days provide automatic gates on elevator.

I. STEPHENSON CO.—Within ninety days repair and put in proper shape the Stephenson Dock.

Gladstone.

MINNEAPOLIS, ST. PAUL & SAULT STE. MARIE RAILWAY.—Within fifteen days repair low water alarms on boilers; within thirty days provide better light in shops.

CLOVERLAND MILLING & SUPPLY CO.— Within five days repair low water alarm on boiler.

NORTHWESTERN COOPERAGE & LUMBER CO.—As soon as possible arrange to have permits on file for all children working at your plant who are between 14 and 16 years of age, as required under section 10 of the labor law.

EATON COUNTY.

Bellevue.

BURT PORTLAND CEMENT CO.—Within thirty days place guard rail around fly wheel of Cross compound engine; replace planking in rear of boilers with iron platform; repair low water alarms on boilers Nos. 3 and 8; place hand rail on stairway in finishing room; guard large gears in finishing room.

THE BELLEVUE LIGHTING CO.—Within ten days place guards around generator and exciter pulleys, and repair low water alarm on No. 2 boiler.

Charlotte.

THE L. H. SHEPHERD CO.—Within twenty days provide hand rail on stairway to bean sorting room; secure working permits for girls between fourteen and sixteen years of age.

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THE FENN MFG. CO.—Within ten days provide hand rail on stairway.

CHARLOTTE CHAIR CO.—Within thirty days provide guards for buss planer and band saw; guard gearing on seat growing machine; guard all shaft ends within thirty-six inches from the floor; discharge boy under fourteen years of age.

CHARLOTTE STEAM LAUNDRY.—Within ten days repair low water alarm on boiler.

CHARLOTTE REPUBLICAN.—Within ten days guard shaft or pulley ends of presses and guard fly wheel of press; provide rail at basement stairs.

J. A. FRITZ.—Within ten days cover set screw on line shaft; put relief valve on air tank.

SCOTT MFG. CO.—Within fifteen days guard buss planer, cut off saw, band saw, and cover set screws on main and counter shafting.

Eaton Rapids.

ISLAND CITY MILLS.—Within thirty days cover gear of water wheel drive.

Grand Ledge.

GRAND LEDGE CHAIR CO.—Within thirty days provide guards for shapers in factory.

GRAND LEDGE SEWER PIPE CO.—Within twenty days provide automatic gates for elevator; repair low water alarms.

GRAND LEDGE CLAY PRODUCTS CO.—Within thirty days provide automatic gates for elevator.

CRAWFORD CHAIR CO.—Within ten days guard shaper and buss planer; within thirty days place fire escape on east or back side of building, as per specifications, said escape to be placed opposite elevator shaft.

GRAND LEDGE MFG. CO.—Within thirty days guard buss planer and band saw; repair low water alarm.

CITY IRON WORKS.—Within ten days cover all set screws on main and counter shafting; guard gears on bolt machine and lathes; provide proper emergency remedies for foundry, sweet oil, vaseline, cotton and bandages.

Mulliken.

MULLIKEN CREAMERY CO.—Within fifteen days equip boiler with approved low water alarm.

A. A. LAWRENCE.—Within twenty days guard pulley and belt on grinder and place railing around engine fly wheel; cover all set screws on main and counter shafts.

EMMET COUNTY.

Alanson.

OLESON & ORMSBY.—At once guard all exposed set screws; repair low water alarm; guard large pulley on engine; guard belt over bolting saw; repair feed lever of saw husk.

Bay View.

BAY VIEW WATER WORKS.—At once guard electric transformer.

Bear Lake.

COVEYOU BROS. MILL.—At once equip boiler with an approved low water alarm.

Brutus.

D. H. HINKLEY.—At once guard all exposed set screws; repair water column.

L. A. MAXFIELD.—At once guard belt on planer; provide guard rail between main drive belt and edger.

Harbor Springs.

HARBOR SPRINGS HANDLE CO.—At once guard all exposed set screws; place guard rail around two drive belts and pulley on engine; extend floor over belt and friction gear on log conveyor.

HARBOR SPRINGS STEAM LAUNDRY.—At once guard all exposed set screws; provide hand rail around stair opening on second floor and hand rail on stairs; file working permits for all children between fourteen and sixteen years of age; equip boilers with approved low water alarms.

THE HARBOR SPRINGS REPUBLICAN.—At once guard key on engine shaft; file working permits for all children between the ages of fourteen and sixteen years.

A. JAY DOTY.—At once guard back of band saw; guard key on engine shaft.

WALROND & FRIEND.—At once equip elevator with automatic gates.

DEWITT & KELLEY.—At once guard all exposed set screws.

Levering.

J. E. REITER.—At once provide guard on belts on each side of engine.

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Pellston.

PELLSTON PLANING MILL & LUMBER CO.—At once guard belt on planer; guard all exposed set screws; guard main drive belt and belt on resaw.

Petoskey.

ANTRIM LIME CO.—At once guard all set screws; place hand rails on all stairs; complete floor at upper end of barrel slide; equip portable boiler with safety water column; repair boiler and see that it is in a safe condition before further use

BURNETT FOUNDRY & MACHINE CO.—Remove all obstructions in passageway to molding room; put shop in a sanitary condition.

BAIN'S BOAT WORKS.—At once guard all exposed set screws; place guard rail on drive belt.

BEAR RIVER PAPER CO.—At once equip all boilers with approved low water alarm; equip all stairs with hand rails; guard all exposed set screws; repair or provide new stairs to wood room; do not permit females in your employ to work for a longer period than ten hours in any one day nor more than fifty-four hours in any one week.

BOYAJIAN BROS.—At once install hand rail on basement stairs.

C. A. DEARMENT.—At once guard gear and set screw on brick machine; guard large drive belt.

CHARLES J. DITTO.—Equip back stairs with hand rail.

LEWIS FRY.—Provide hand rail for basement stairs.

THE MICHIGAN BOAT WORKS.—At once guard all exposed set screws.

NORTHERN HARDWARE CO.—At once provide automatic gates on elevator.

NORTHERN LIME CO.—At once equip portable boiler with an approved safety water column.

JAMES OLDHAM.—At once install guard rail on stairs leading to gallery.

C. A. OLSON.—At once provide better ventilation in office; repair floor in back room.

D. C. OSBORNE.—At once equip elevators with automatic gates; guard belt on feed grinder.

CHAS. A. PAIGE.—At once equip stairs with hand rail.

PETOSKEY & BAY SHORE GAS CO.—At once install more lights in apparatus room; keep lights in purifying room in working order and install light near gage or indicator in same room; install guard rail on top of bench; repair guard rail around gas tank.

PETOSKEY HOUSEFURNISHING CO., INC.—At once provide automatic gates on elevator.

THE PETOSKEY STEAM LAUNDRY CO.—At once guard belt on tumbler.

SMITH & LAKE.—At once provide hand rail for basement stairs.

WILLIAMS ICE CREAM CO. At once guard all exposed set screws; install sanitary water closet.

GENESEE COUNTY.

Fenton.

DENNIS MURPHY.—Within ten days place low water alarm on boiler.

Flushing.

BECK SPRAYER CO.—Within thirty days guard band saw and rip saw.

FLUSHING ELECTRIC LIGHT & WATER WORKS.—Within thirty days provide two new low water alarms on boilers.

Gaines.

FRED W. MCCANN.—Within ten days place a low water alarm on boiler.

Linden.

LINDEN MILLING CO.—Box in belting which passes through floor.

Montrose.

MONTROSE ROLLER MILLS.—Within ten days repair low water alarm.

MONTROSE HOME CREAMERY.—Within ten days place a low water alarm on boiler.

Otisville.

OTISVILLE CREAMERY.—Within thirty days place a low water alarm on boiler.

PETER J. HART.—Within thirty days place a low water alarm on boiler.

GLADWIN COUNTY.

Beaverton.

H. C. MILES.—Install an approved low water alarm on boiler.

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GOGEBIC COUNTY.

Bessemer.

BESSEMER BREWING CO.—Within fifteen days repair low water alarms.

Ironwood.

THE BUSS CREAMERY.—Within fifteen days provide railing around fly wheel.

THE IRONWOOD BREWING CO.—Within fifteen days provide railing around fly wheel.

HEIDEMANN & THOMPSON.—Provide spreader on rip saw.

OLSON & BERGQUIST.—Within ten days provide guard on upper wheel of band saw.

HOGEN NELSON.—Within ten days guard planer, also provide wrought iron guards on emery wheels.

GRAND TRAVERSE COUNTY.

Grawn.

D. E. CRANDALL & SON.—Within thirty days equip boiler with an approved low water alarm; protect all exposed set screws.

C. RANDELL.—Within thirty days equip boiler with an approved low water alarm.

Interlochen.

WYLIE COOPERAGE CO., LTD.—Within thirty days guard all exposed set screws; erect a railing at back end of main drive to engine in heading mill.

Kingsley.

H. DUNN.—At once protect cog gearing in lower part of mill, also erect a railing around hole in upper floor of mill at end of slasher.

THE KINGSLEY COURIER.—Guard drift key on printing press.

JOHN SCHONE.—At once guard lower wheel of band saw; repair low water alarm.

Traverse City.

THE JOHN T. BEADLE CO.—Within thirty days equip boiler with an approved low water alarm.

BROWN LUMBER CO.—At once discontinue violating the fifty-four hour law; erect a hood over all emery wheels; protect all belt gearing on floor.

CALDWELL & LOUDON.—Repair low water alarm.

CITIZENS TELEPHONE CO.—At once comply with the fifty-four hour law in regard to the employment of your female employes.

CLAPP & SON BAKING CO.—Equip boiler with an approved low water alarm.

J. E. GREILICK CO.—At once guard all exposed set screws, and all belt gearing on the floor; place hoods on all emery wheels; put guard over cog gearing on tumbler machine in machine shop; put spreader on all combination saws and rip saws.

HANNAH & LAY CO.—At once equip your grist mill with a fire escape according to the plans and specifications left on the 30th day of September, 1913; also erect a railing around large belt running through each floor.

THE HANNAH & LAY MERCANTILE CO.—Erect a hood over emery wheel.

HINES MOTOR CO.—At once discontinue the practice of violating the fifty-four hour law; protect exposed set screws on main shaft, also place a shield over cog gearing on lathes.

R. J. MERCER & CO.—Within thirty days equip boiler with an approved low water alarm.

THE OVAL WOOD DISH CO.—At once discontinue the practice of violating the fifty-four hour law; board up or screen all stairways used by your female labor; guard all belts running through floors, also all belt gearing on or near the floor; erect a hood over all emery wheels; protect exposed set screws; erect an extra doorway in clothespin department from the ground to second story.

VICTOR PETERTYL.—At once erect a hood over all emery wheels; put a spreader over all rip saws; protect all exposed set screws; erect a railing around main drive to engine room; protect all cog gearing and also all belt gearing.

P. M. R. R. CO. MACHINE SHOP.—At once repair low water alarm and keep it in good working condition; erect a hood over emery wheels, also erect a shield over all cog gearing on lathes.

A. W. RICKERD.—Provide a toilet for the use of female help.

H. W. ROUND.—At once protect all exposed set screws; erect a railing on stair-

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way; guard all cog gearing; relieve the second floor of some weight to make it safe; equip boiler with an approved low water alarm.

STATE HOSPITAL.—At once have low water alarm repaired and put in good working condition; protect all exposed set screws; put a railing around belt running through floor in laundry; repair stairway to pipe supply room; protect drive keys in bakery; put a spreader on rip saw in carpenter shop and hood on emery wheels; keep broken chairs and rubbish out of all hallways; all exits leading to the outside where patients are confined must be changed so doors will swing outward; within thirty days arrange to comply with the fifty-four hour law.

STRAUB BROS. & AMIOTTE.—At once repair low water alarm; discontinue the practice of working the male children in your employ more than fifty-four hours per week.

TRAVERSE CITY AUTO CO.—Within thirty days equip boiler with an approved low water alarm.

TRAVERSE CITY CHAIR CO.—At once guard all exposed set screws and all belt gearing on floor; protect all emery wheels with hoods; put guard over cog gearing on tumbler machine in machine shop; put spreaders on all combination saws and rip saws.

TRAVERSE CITY ELGIN CREAMERY.—At once repair low water alarm; guard all exposed set screws.

TRAVERSE CITY IRON WORKS.—At once protect all cog gearing on your machinery; repair low water alarm.

TRAVERSE CITY MATTRESS & BEDDING CO.—Within thirty days erect a clean and sanitary toilet for your female help and plainly so designate same.

WAHL BROS.—At once guard exposed set screws; protect drift key and fly wheel on ice crushing machine, also put a guard over bevel cog gearing on ice cream freezer.

WELLS, HIGMAN CO.—Within thirty days protect all cog gearing and belt gearing; at once remove waste material and rubbish from floor; do not permit boys under eighteen years of age to work longer than fifty-four hours per week; post up copies of section 9 in each department.

GRATIOT COUNTY.

Ashley.

ASHLEY ELEVATOR CO.—Within twenty days place a stairway on east side of bean picking room so that the people may use said stairway in case of necessity.

HILLSDALE COUNTY.

Camden.

WILLIAM H. SMITH & SON.—Within twenty days install a low water alarm on boiler.

ALWARD LUMBER CO.—Within sixty days install guards on siding saw and variety saw.

Hillsdale.

HILLSDALE SCREEN CO.—At once provide whistle on low water alarm.

BOARD OF PUBLIC WORKS.—At once place two Wright low water alarms in working order.

FREED BROS.—Within sixty days install a low water alarm on boiler.

Jonesville.

JONESVILLE MILLING CO.—Within ten days install a low water alarm on boiler.

Litchfield.

C. T. FOWLER.—Within twenty days install a low water alarm on boiler.

Montgomery.

MONTGOMERY CHEESE CO.—Within twenty days place low water alarm in working order.

North Adams.

NORTH ADAMS CREAMERY CO.—Within twenty days install a low water alarm on steam boiler.

C. C. RODLAM.—Within twenty days install a low water alarm on boiler.

Reading.

READING ROBE & TANNING CO.—At once place low water alarm on steam boiler in working order.

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Waldron.

WALDRON CHEESE FACTORY.—Within twenty days install a low water alarm on boiler.

HOUGHTON COUNTY.

Calumet.

GEORGE FAX.—Within thirty days arrange to have an approved low water alarm placed on your steam boiler in sausage shop.

THE NORTHLAND SHOE MFG. CO.—Within thirty days have guards placed over emery wheels in your factory.

ARMSTRONG-THIELMAN LUMBER CO.—Within ten days place guard over emery wheel in your carpenter shop.

MINERAL RANGE RAILROAD CO.—At once place low water alarm in good condition and keep it so; cover exposed set screws on boring machine.

GEORGE ANTIOHO & CO.—At once arrange to have your female help work only fifty-four hours a week.

WILLIE LEE.—At once clean up your laundry and place premises in a sanitary condition.

NARDI & LACKER.—At once arrange to clean up factory and place it in a sanitary condition.

APOSTLE C. PROTOGERE.—At once arrange to clean up factory and place it in a sanitary condition.

Chassell.

W. O. MISSLITZ.—Within twenty days arrange to have low water alarm placed on boiler.

WORCESTER LUMBER CO., LTD.—Within twenty days arrange to have your band saw covered and a guard placed in front of saw.

Demmon.

FRANKLIN MINING CO.—Within thirty days arrange to have all exposed set screws covered or countersunk; have guard placed on band saw in carpenter shop.

Hancock.

HANCOCK CLEANING CO.—Arrange to clean up premises as soon as possible and place same in a sanitary condition.

THE FINNISH LUTHERAN BOOK CONCERN.—Within twenty days arrange to have hand railing placed on stairway leading from ground to office floor.

THE PARK BREWING CO.—Within five days place low water alarm in good condition.

ED. M. LEIBLEIN.—Place railings on stairways.

WEST HANCOCK BAKERY.—Within two days arrange to clean up factory and keep it in a sanitary condition.

D. B. SAM.—Clean up factory and place it in a sanitary condition.

QUINCY MINING CO.—Within twenty days place low water alarm on your steam boiler.

Houghton.

CHAS. J. MARKHAM & CO.—Place hand railings on stairways.

THE MINING GAZETTE CO.—Place low water alarm on boiler.

SUPERIOR PACKING CO.—At once place low water alarm on boiler.

A. HAAS BREWING CO.—Place low water alarm in good condition as soon as possible.

NEEDHAM BROS. LAUNDRY.—At once arrange to have low water alarm placed in good condition.

JOHN A. COCHRAN.—At once arrange to have a low water alarm placed on steam boiler.

Hubbell.

OSCEOLA CONS. MINING CO.—STAMP MILLS.—As soon as possible arrange to have low water alarm on boiler placed in good condition.

Lake Linden.

W. C. JILBERT.—At once arrange a working schedule for your female help so as not to work her more than an average of nine hours a day or fifty-four hours in any one week; have low water alarm placed in good condition.

BOSCH BREWING CO.—Within ten days arrange to have hand rails placed on stairways.

Laurium.

GOURD BROTHERS.—Within twenty days place an approved low water alarm on boiler.

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COLUMBIA STEAM LAUNDRY.—Place low water alarm in good working condition and instruct man in charge to keep it so.

AUGUST MCLENNAN.—At once arrange to have approved low water alarm placed in good condition and instruct man in charge to report when alarm is not in good condition.

Osceola.

LAURIUM & LA SALLE MINE.—Within thirty days place rail around fly wheels of compressors in all plants.

Quincy.

QUINCY MEAT MARKET.—Place low water alarm on boiler.

HURON COUNTY.

Elkton.

M. G. SOEHNER.—Within thirty days place guard on emery wheel.

Harbor Beach.

PRODUCERS ELEVATOR CO.—Within ten days guard set screws on all shafting.

H. LEMMONT & SON.—Within ten days place guard on exposed cogs and guard emery wheel.

Linkville.

LINKVILLE GRIST MILL.—Within thirty days guard set screws on shaft of sack packer, also guard exposed cogs.

Owendale.

FRED M. WARNER CHEESE CO.—Within ten days equip boiler with a low water alarm.

Pigeon.

DIEBEL AUTO CO. Within thirty days place guard over cogs on planer.

PIGEON WOOD NOVELTY MFG. CO.—Guard exposed cogs and set screws on shafting.

Redman.

REDMAN CHEESE FACTORY.—Within thirty days place a low water alarm on boiler.

Sebewaing.

SEBEWAING SANDSTONE BRICK CO.—Within ten days guard set screws on shaft of mixer, also place guard on emery wheel.

INGHAM COUNTY.

Lansing.

BATES & EDMONDS MOTOR CO.—Guard two main drive belts in engine room; install blower or fan to take smoke from testing room.

CHRISTIAN BREISCH & CO. PLANT CO. 2.—Guard main drive belt on third floor; guard west end of line of grinders on first floor.

THE JOHNSTON HARVESTER CO.—Place guard around elevator on second floor.

LANSING WAGON WORKS.—Within ten days provide blower on turning lathe; provide wrought iron guards on emery wheels; put closets in sanitary condition.

MICHIGAN SCHOOL FOR THE BLIND.—Within ten days put guard on mangle in laundry so that it works automatically.

MODEL LAUNDRY.—Within thirty days install an approved low water alarm on boiler; guard belt running from dynamo through floor to basement.

Stockbridge.

C. TAYLOR.—Guard east end of main shaft or cut it off as it projects eighteen inches from the bearing and is not used.

Webberville.

WEBBERVILLE FEED MILL.—Within sixty days install a low water alarm on the boiler in feed mill of approved make.

Williamston.

WILLIAMSTON ILLUMINATING CO.—Within sixty days place guards around main drive belt.

IONIA COUNTY.

Belding.

BELDING-HALL CO.—Within five days guard all emery wheels, also repair gate to elevator on first floor at east end of mill.

RICHARDSON SILK CO.—Within thirty days put low water alarms of approved pattern on both boilers, also guard all set screws on shafting.

WESS PORTER.—Within ten days put guard on emery wheel, also guard lower wheel of band saw.

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BELDING BROOM CO.—Within thirty days put low water alarm on boiler; at once guard emery wheel and lower wheel of band saw.

W. G. CLARK CO.—Within five days put guards on emery wheels.

Clarksville.

E. F. COOL & CO.—Within ten days put guard over gears on Giant bean pickers.

Hubbardston.

C. K. BENNETT & SON.—Within ten days put guard on rip saw.

Ionia.

AUSTIN & DARLING.—Within one day repair low water alarm and put it in good condition.

COLLIER & GREENHOE.—Within thirty days put low water alarm on boiler.

S. B. GORHAM & CO.—Within ten days put guard on rip saw.

HAYES-IONIA CO.—Within five days put guard in front of Gardner blower in department A, also place guard in front of gear of power beader No. 25 in department L.

R. HEARSEY & SON.— Within thirty days put guard on rip saw, also guard in front of upper wheel of band saw.

IONIA BOTTLING WORKS.—Within ten days guard all set screws on shafts in building.

THE IONIA GAS & COKE CO.—At once repair low water alarm.

THE IONIA SENTINEL.—Within three days clean toilet in working room and ventilate same.

KUHTZ LAUNDRY.—Within twenty days replace low water alarm, also place guard on shaft to protect set screw.

J. D. MCLAREN CO., INC.—Within thirty days provide separate toilet for males.

MILLERS BAKERY.—Within ten days place guard in front of gear wheels of mixer.

PERE MARQUETTE RAILROAD CO.—Within five days place guard on side of planer in wood shop; place guard on Remington lathe and also on New Haven lathe to protect gear wheels.

SCHEIDT BROTHERS.—Within ten days place guard on rip saw.

E. H. STAFFORD MFG. CO.—Within five days place a light in toilet for females.

L. C. VAN VLECK.—Within ten days place guard on emery wheel.

YPSILANTI REED FURNITURE CO.—Within ten days put guards in front of needle arm on all looms, also guard upper wheels on band saws.

Lake Odessa.

ROGERS & CHAPIN.—Within thirty days guard all emery wheels.

LAKE ODESSA MILK CO.—Within ten days guard gear of cooling tank, also put guard on emery wheel.

L. H. HEATON.—Within five days repair low water alarm or replace it with new one; also guard rail on top part of stairway leading to second floor.

SMITH BROTHERS, VELTE & CO.—Within thirty days equip your boiler with low water alarm of approved pattern.

CHARLES DAILEY.—Within five days guard all emery wheels.

E. F. ORNDORFF.—Within ten days put guard on rip saw, also guard on emery wheels.

KART'S FLOURING MILLS.—Within five days guard set screws on packer shaft, also put hand rail on stairway to second floor.

C. S. KART.—Within ten days put guards on all emery wheels.

Muir.

MUIR BLANK BUTTON CO.—Within five days place guard on side of engine to prevent persons from running against same.

W. A. BURLING.—Within fifteen days repair and put in good condition low water alarm or replace with new approved style.

Orleans.

ORLEANS CREAMERY ASSOCIATION.—Within ten days guard gear on pump jack.

JUDSON MORGAN.—Within ten days put guard on emery wheel.

Pewamo.

PEWAMO CREAMERY CO.—Within twenty days equip boiler with approved low water alarm.

Portland.

PORTLAND MILLING CO.—Within thirty days guard all set screws and place guard on side of main belt on three upper floors.

PORTLAND MFG. CO.—Within thirty days put guard on upper wheel of band saw.

JOHN BAUER.—Within thirty days put guard on rip saw.

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VERITY MFG. CO.—Within thirty days put guard on rip saw.

LEWIS PEARL.—Within thirty days put guard on rip saw.

PORTLAND WASHING MACHINE CO. Within thirty days put guard on rip saw, also guard on upper wheel of band saw.

CITY LAUNDRY.—Within thirty days put low water alarm on boiler.

PORTLAND FOUNDRY.—Within thirty days place guard on emery wheels, also guard end of rattler.

Saranac.

SARANAC CO-OPERATIVE CREAMERY CO.—Within ten days repair low water alarm on boiler, also as soon as possible guard gear wheels on churn and replace churn with new one of more approved pattern.

EARL F. SCHEIDT.—Within five days guard emery wheel.

THE C. A. S. FORGE WORKS.—Within five days guard emery wheel.

M. BILLINGER & CO.—Within five days guard emery wheel.

Smyrna.

ELGIN W. CONDON.—Within ten days guard rip saw, also emery wheel.

IOSCO COUNTY.

Tawas City.

TAWAS CITY PLANING MILLS.—Guard front of planer.

MICHIGAN CEREAL CO.—Provide hand rail on stairway leading to engine room.

Whittemore.

IOSCO CREAMERY CO.—Within sixty days install low water alarm on boiler.

IRON COUNTY.

Crystal Falls.

BRISTOL MINING CO.—Within fifteen days provide iron railing around fly wheels on Norwalk machines; countersink all set screws on shafting; provide guard and spreader for rip saw.

CRYSTAL FALLS IRON MINING CO.—Provide guards on all emery wheels, also cover gears on drill press.

THE HOLLISTER MINING CO.—Within fifteen days repair low water alarm; provide railing in front of switch board; provide guard on upper and lower wheels of band saw.

Iron River.

R. F. GIBBS & SON.—Within five days repair low water alarm, also provide guard for sawyer.

ISABELLA COUNTY.

Blanchard.

BLANCHARD CREAMERY.—Within thirty days equip boiler with an approved low water alarm.

J. W. FATE & CO.—Within ten days provide guard for main drive belt on first floor; guard pulleys on feed mill near scale.

HOMER DEWITT.—Within fifteen days cover all exposed set screws; guard pulleys on rolls at each end of mill; guard all drive belts running through floors.

UNION TELEPHONE CO.—Within one day do not permit females to work more than ten hours in any one day or more than fifty-four hours in any week.

Mt. Pleasant.

J. A. WILEY.—Within five days place safety water column in working order.

Shepherd.

M. E. WALKER & SON.—At once place a railing along stairway in elevator.

JACKSON COUNTY.

Jackson.

THE ACORN PRESS.—Within five days replace all set screws with countersunk set screws.

THE AMERICAN FORK & HOE CO.—Within fifteen days provide wrought iron guards on all emery wheels in finishing, rake and polishing departments and in carpenter shop; provide guards on rip saws and band saws, upper and lower wheels.

S. H. CAMP & CO.—Within five days provide railing on stairway leading from second to third floor.

COOPER STREET GARAGE.—At once provide wrought iron guards on emery wheels.

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THE EBERLE BREWING CO.—Within ten days provide gate for elevator in bottling department.

THE FIELD-BRUNDAGE CO.—Within twenty days provide guard on upper and lower wheels of band saw; provide wrought iron guards on all emery wheels at least one-fourth inch thick; provide ventilators in test room to carry away gas.

HARTWICK-WOODFIELD CO.—Within ten days provide guard on band saw.

THE IMPERIAL AUTOMOBILE CO.—Within ten days guard band saw and emery wheels in wood shop, also emery wheels in grinding room and tool room.

JACKSON AUTOMOBILE CO.—Within twenty days put railing on all stairways; countersink all set screws on shafting; put guard on rip saw and planer; put guard on emery in blacksmith department; chassis assembly and grinding rooms; provide gates for elevator in stock room; house in belt running through floor in grinding department.

JACKSON CUSHION SPRING CO. Within five days provide guards on emery wheels.

JACKSON FARM PRODUCE CO.—Within thirty days provide separate toilets for the women.

JACKSON MOTOR SHAFT CO.—Within fifteen days provide low water alarm on boiler.

THE KNICKERBOCKER CO.—Within fifteen days provide low water alarms on boilers.

MICHIGAN BAG & PAPER CO.—Within ten days repair low water alarms; provide wrought iron guards on all emery wheels.

MICHIGAN CONDENSED MILK CO.—Within five days provide wrought iron guard on emery wheel.

MICHIGAN SEATING CO.—Within ten days provide hand rail on all stairways; put guard around upper wheel of band saw.

MICHIGAN STATE PRISON.—Within fifteen days provide guard on mangle; guard emery wheels in plumbing and box departments; provide guards on upper and lower wheels of band saws, and provide railing around fly wheel in engine room; provide guard around upper wheel of band saw in chair department, also put guard on jointer.

STATE FOUNDRY CO.—Within fifteen days provide guard on lower and upper wheels of band saws; put guard on gears on drill press; also provide lime water and bandages and absorbent cotton.

G. W. THORPE.—Within five days repair stairway, also put railing on stairway.

WALCOTT & WOOD MACHINE TOOL CO.—Within five days provide wrought iron guards on emery wheels.

WHITE LAUNDRY.—Within twenty days provide water alarms on boilers.

WOLVERINE LAUNDRY CO.—Within fifteen days provide low water alarm on boiler.

Springport.

E. C. COMSTOCK & CO.—Within five days provide railing on stairway.

SPRINGPORT ELEVATOR CO.—Within five days provide railing on stairway.

KALAMAZOO COUNTY.

Augusta.

AUGUSTA BASKET CO.—Within fifteen days provide guard for main drive belt; guard cut off saws; guard gears on veneer lathe; cover all set screws; repair stairs and build hand rail on same; cover gears on planer; repair low water alarm on boiler.

Climax.

A. GINGELL.—Within ten days equip boiler with low water alarm.

Kalamazoo.

ADVANCE MFG. CO.—Within fifteen days provide automatic gates for elevator.

CLARK ENGINE & BOILER CO. Within thirty days equip hand cranes in foundry with locking dogs and provide emergency remedies—sweet oil, lime water, vaseline, cotton and bandages; guard gears on punch machines in boiler shop; provide running water for wash tank; repair low water alarm on boiler and cover bevel gears on drill presses.

CHICAGO, KALAMAZOO & SAGINAW RAILWAY CO.—Within fifteen days provide guard for buss planer and place guard railing around gears of large lathe and small lathe; provide guard or hood over emery wheels.

CRYSTAL CANDY CO.—Within fifteen days cover ceiling in candy factory; make opening through roof for ventilating; clean floor of factory.

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DOUBLEDAY BROTHERS & CO.—Within thirty days repair elevator gates and paint fire escape.

DOUBLEDAY-HUBER-DOLAN CO.—Within thirty days equip elevator with automatic gates.

GEBLINE BRASS FOUNDRY CO.—Within ten days equip wash tank with running water; keep in foundry a supply of lime water, vaseline, sweet oil, cotton and bandages.

WM. E. HILL CO.—Within thirty days equip boiler with low water alarm.

KEYSER BROS. LAUNDRY.—Within twenty days equip elevator with automatic gates.

KALAMAZOO COLD STORAGE CO.—Within twenty days equip elevator with automatic gates.

KALAMAZOO COUNTY HOME.—Within sixty days equip building with two fire escapes, one on the east side of building with three foot balcony on veranda roof extending across entire end of building, with drop ladders at south end of balcony and end of balcony on front side of building, same arrangement to apply on west end of building providing a veranda is constructed. If no veranda is constructed then make balcony include three middle windows on second floor with iron steps and balcony at first floor windows and then to the ground, fire escapes to be constructed according to state specifications.

KALAMAZOO STATE HOSPITAL.—Within thirty days provide guard for buss planer and rip saw in carpenter shop; place guard rails around engine drive belt and generator pulleys in engine room.

KALAMAZOO STORAGE & TRANSFER CO.—Within thirty days equip elevator with automatic gates.

KALAMAZOO TANK & SILO CO.—Within ten days remove valve between column and whistle of low water alarm; place guard rail at fly wheel pit in engine room, and remove projecting set screw in collar of counter shaft in silo room.

LITTLE BROTHERS.—Within twenty days equip elevator with automatic gates.

MRS. MABEL MCMILLAN.—File permit for girl between fourteen and sixteen years of age.

MICHIGAN FELTING CO.—Within thirty days equip elevator with automatic gates.

MORRIS KENT CO.—Within twenty days equip elevator with automatic gates.

HERMAN SIMMERER.—Within one day place ladies' toilet in basement in proper sanitary condition.

C. H. SWINDELL & CO.—Within thirty days equip elevator with automatic gate on second storage floor.

A. M. YOUNG & CO.—Within twenty days equip elevator with automatic gates.

Schoolcraft.

INNER-BRACE FURNITURE CO.—Within ten days guard buss planer.

Vicksburg.

VICKSBURG GOVERNOR CO.—Within ten days cover set screws on main and counter shafting; repair low water alarm on boiler; provide for foundry a supply of lime water, sweet oil, vaseline, absorbent cotton and bandages.

THE DENTLER BAGGER CO.—Within ten days cover gears on punch shear and on boring machine; cover set screws on main and counter shafting.

VICKSBURG LAUNDRY.—Within ten days repair low water alarm.

KALKASKA COUNTY.

Blue Lake.

BLUE LAKE LUMBER CO.—At once discontinue the practice of violating the fifty-four hour law by working boys under the age of eighteen years more than ten hours a day or fifty-four hours a week; place railing around main drive on engine; put shield on emery wheel in file room; at once repair low water alarm.

Kalkaska.

M. F. DENNISON.—Within thirty days equip boiler with an approved low water alarm.

KALKASKA WATER WORKS.—At once repair low water alarm.

S. B. HINDS.—Equip boiler with an approved low water alarm.

Rapid City.

J. M. MCFARREN. At once file permit for the boy you have in your employ between fourteen and sixteen years of age and do not permit him to work more than fifty-four hours per week.

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South Boardman.

FRANK S. YOUNG.—Provide railing around all belt gearing, also on stairway.

M. E. & CHAS. A. WELLMAN.—Within thirty days protect cog gearing on turning lathe in handle mill, and protect all belt gearing on floor in planing mill.

KENT COUNTY.

Ada.

GRAND RAPIDS GRAIN & MILLING CO.—Within ten days guard pulleys on rolls near stairway; guard chain gears on flour dressers on second floor.

Alto.

ALTO CO-OPERATIVE CREAMERY ASS'N, LTD.—Within five days repair low water alarm.

THE OVERLAND GARAGE.—Provide guard for emery wheel.

THE ALTO LUMBER CO.—Provide spreader and guard for rip saw.

J. H. LAYER.—Guard set screw on line shaft; provide additional board for trap door and make same more secure.

Byron Center.

ARENDSEN BROS.—Provide spreader and guard for rip saw.

BYRON CENTER MILLING CO.—Guard chain belt and sprocket end of shaft, top floor; provide guard rail for engine.

Caledonia.

CALEDONIA CO-OPERATIVE CREAMERY ASS'N, LTD.—Within ten days repair and place in working order the low water alarm; provide guard for fly wheel on engine.

CALEDONIA MILLING CO.—Within ten days place low water alarm in good order; guard pulleys on flour rolls near door.

Casnovia.

J. L. NORRIS & SON.—Provide guards for ends of shafts on bean picking machines.

Childsdale.

CHILDSDALE PAPER MILLS.—Within fifteen days repair low water alarm; guard pulley at rear end of paper machine and enclose heights of guards for gears on same; provide hand rail on stairs in rotary room and hand rail at opening near lime slacker.

Cedar Springs.

RUDELL CREAMERY.—Guard balance wheel on ice machine.

CEDAR SPRINGS GARAGE.—Guard exposed set screws; guard end gears on lathe; provide guards for emery wheels.

E. A. REMER.—Provide railing at floor opening second floor; guard all exposed set screws.

A. F. BLISS & CO.—Provide guard rail for opening on first floor.

A. H. SHAW.—Provide guard for belt and pulley on dynamo.

KENT CREAMERY CO.—Within five days repair low water alarm; guard exposed set screws on counter shaft of butter churn.

Grandville.

GRAND RAPIDS PLASTER CO.—Guard gears on rock crusher; guard pulley and belt on dynamo.

GRANDVILLE ELEVATOR CO.—Provide guard for emery wheels.

Kent City.

KENT CITY CHEESE CO.—Provide hand rail on stairway.

Grand Rapids.

ACME CEMENT PLASTER CO. STUCCO MILL.—Within ten days guard all exposed set screws; guard shaft in grinding room; guard belt tightener on drive belt; guard hot pit conveyor; repair low water alarm; guard pulley and balance wheel on rock crusher.

ADAMS & HART.—Place toilet on top floor in sanitary condition; repair elevator gate on third floor.

ADJUSTABLE TABLE CO.—Protect fly wheel on big press; remove board in doorway; provide hand rail for stairway.

ALABASTINE CO.—Guard gears on mixing kettles.

ALEXANDER DODDS CO.—Provide guard on elevator to protect operator from balance weights.

ALLEN BROTHERS.—At once place workshop in sanitary condition.

ALLEN & DORTHY.—Place all toilets in sanitary condition.

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AMERICAN CORRUGATING CO.—Within ten days provide guards for clutches on paper machine; guard overhead platform in engine room; within fifteen days provide blower for partition saw; do not permit females to work more than fifty-four hours in any week; provide seats for female employes.

THE AMERICAN CEMENT PLASTER CO. No. 1.—Within five days repair low water alarm; guard exposed gears on drying kettles; guard exposed shafts at passageway; increase height of guard on rope belts, second floor.

AMERICAN LAUNDRY.—Within ten days provide guard for pump on second floor.

AMERICAN METAL WEATHER STRIP CO.—Guard all shafting and pulleys; guard belt of punch press.

THE AMERICAN PLASTER CO. No. 2.—Guard gears on board carrier; guard belt on dynamos.

THE ANWAY CO.—Provide guard for hair picker.

ATTWOOD BRASS WORKS.—Provide hand rail for stairway.

AU SABLE ELECTRIC CO.—Repair low water alarms.

AUSTIN AUTOMOBILE CO.—Guard gears on all lathes; guard gears on one drill press; guard belt on second floor.

BALDWIN, TUTHILL & BOLTON.—Guard all exposed set screws; guard bevel gears on drill press; guard end gears on lathe; provide guards for emery wheels; guard belt on dynamo in polishing room.

H. T. BALDWIN.—Provide guard for emery wheel; guard exposed gears on drill press.

BARLOW BROTHERS.—Within five days guard all set screws.

BATTJES FUEL & BUILDING MATERIAL CO.—Within three days place low water alarm in good condition.

THE BAXTER LAUNDRY CO.—At once repair low water alarm; guard belt on dynamo in shoe repair department.

BECKER AUTO CO.—Within five days repair and place in good condition toilet in basement.

BEHLER & COX.—Within five days provide railing at open doorway at rear of building, and also railing at opening of stairway to basement.

BELKNAP WAGON CO.—Cover one set screw; enclose lower part of saw in body room; replace gate on third floor; put water closets on first and third floors in a sanitary condition.

WM. A. BERKEY FURNITURE CO.—Within ten days provide a guard for belt on sander on second floor; provide hand rail on stairs leading to basement.

BERKEY & GAY FURNITURE CO. Within fifteen days place all toilets in sanitary condition; guard belt on dynamo on second floor; provide guards for emery wheels on first and third floors; provide easy access to the fire escape on second floor; guard set screw on shafting in carving room; repair stairs in center of building.

BISSELL CARPET SWEEPER CO.—Within sixty days provide fire escape on building No. 5; within ten days guard drive belt in brush room; guard all exposed set screws; guard couplings on line shaft in basement and coupling and pulley on line shaft, third floor, building A. 1; guard belts on planers in basement; within ten days guard shafts on drum sanders; provide belt shifters for all belts on polishing wheels; clean and place in good condition blower pipes of polishing room.

BLUE VALLEY CREAMERY CO.—Guard set screws on line shaft.

WM. BOMMELJE & SON.—Provide hand rail on stairway.

BOYLAND CREAMERY CO.—Guard pulley on line shaft.

THE BOSS LEATHER CO.—Repair hand rail on stairs.

C. J. BRONSON.—Place toilet in sanitary condition.

ALFRED J. BROWN SEED CO.—Guard cables of elevator on second floor.

BROWN & SEHLER CO. No. 1.—Provide hand rail for stair leading to basement and attic; repair floor in collar shop; protect lever and shaft near door; replace chain on bottom of elevator car.

A. F. BURCH CO.—Within five days place all toilets in proper sanitary condition.

BUTTERWORTH & LOWE.—Within ten days provide new treads on stairs in machine shop.

THE CARGILL CO.—Guard key pins on Gordon presses.

CARPENTER-UDELL CHEMICAL CO.—Cover cogs on tobacco cutter; put all water closets in a sanitary condition; cover all set screws; enclose outside open vats, also balancing weight on elevator.

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CENTRAL AUTO CO., LTD.—Place all toilets in sanitary condition.

CENTURY FURNITURE CO.—Within ten days provide a guard rail on overhead platform in engine room; repair guard on swing saw, and provide suitable balance weight for same.

J. CHILVER CO.—Guard set screw on line shaft.

CITY BAKERY CO.—Remove loose collars on shafting in elevator; clean workroom.

CITIZENS TELEPHONE CO.—Guard all emery wheels.

COMMERCIAL PRINTING CO.—Secure permit for female under sixteen years.

CONSUMERS ICE CO.—Within ten days guard gears on drill press and guard set screws on drill press.

T. A. CONTI & SON.—Guard pulley on dynamo.

COUPLE-GEAR FREIGHT-WHEEL CO.—Provide hand rail on stairs to loft.

THE COVELL-HENSEN CO.—Guard keys on small presses.

CHAS. A. COYNE, INC.—Provide steps to window at fire escape.

THE CRISWELL FURNITURE CO.—Within ninety days install blowers on all dust creating machinery.

DAHM & KIEFER TANNING CO.—Provide grate over pit in front of boilers and cover cogs near same; provide railing for dynamo belt, fly wheel and stairway; cover all set screws; enclose belt operating unhairing machine; change runway between buildings.

DAVIES-PUTNAM CO.—Cover all set screws; provide additional protection for swing saw in basement; provide railing for loading platform; put all water closets in a sanitary condition.

THE DEAN-HICKS CO.—Keep door on south side of building unlocked during working hours.

DEVRIES PRINTING CO.—Guard belt and pulley on Miehle press.

DIAMOND STEEL TRUCK CO.—Within five days protect set screws of couplings on shaft, third floor.

DICKINSON BROS.—Guard belt and pulley on large folder; guard friction pulley on drill press.

DURFEE EMBALMING FLUID CO.—Within ten days provide hand rails on stairways.

S. A. DWIGHT.—Place toilet in sanitary condition.

ECONOMY DYE HOUSE.—Guard set screws in steam cleaning room.

EDGE & BRETHOUR.—At once do not work boy under eighteen more than fifty-four hours per week; provide safety chain on weight of swing saw.

ELLIOTT MACHINE CO.—Guard balance wheel of pump in engine room.

ENTERPRISE ELECTRIC CO.—Guard drive and end gears on lathe.

ETHERIDGE PRINTING CO.—Guard belts on two automatic presses.

EVANS PRINTING CO.—Provide guard for key on small Gordon press.

FERINGA'S BAKERY.—Guard all exposed set screws.

FISHER SHOW CASE CO.—Provide hand rail on stairway.

"FOLGERS".—Provide hand rail for new stairway; cover gear on bottle washer; make bar across elevator opening more rigid.

FOX TYPEWRITER CO.—Put all water closets in a sanitary condition; provide chain on bottom of elevator car in pattern room.

FRANZ MOOR.—File permit for boy under sixteen years of age.

GAISER-BRUMMELER CO.—Provide guards for emery wheels.

GILLETTE ROLLER BEARING CO.—Guard bevel gears on all drill presses.

GLOBE KNITTING WORKS.—Provide steps to windows at fire escapes.

GOLD STAR BAKERY.—Within five days provide a rope and weight on toilet door so it will keep closed.

GOSS & CO.—At once post a copy of Section 9 of Act No. 285 of the Public Acts of 1909, as amended.

THE GRANDE BRICK CO.—Within ten days provide guard for large pulleys on brick press.

GOUDZWAARD BROS.—Place toilet in sanitary condition.

GRAND RAPIDS AUTO CO.—Provide new cable for elevator.

GRAND RAPIDS BAND INSTRUMENT CO.—Guard all exposed set screws.

GRAND RAPIDS BLOW PIPE & DUST ARRESTER CO.—Within five days provide a guard for belts and pulleys on angle iron forming machine; place handrail on stairs.

GRAND RAPIDS BRASS CO.—Within fifteen days provide railing at passageway in

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basement; replace urinal in closet of rattler room; reinforce platform of brass furnace; guard set screw over machine No. 586; guard emery wheel No. 74.

GRAND RAPIDS BRICK CO.—Guard belt from line shaft to clay crusher.

GRAND RAPIDS CASKET CO.—Within ten days connect band saw, mitre saw and traveling rip saw with blower system; increase speed of blower to provide better suction; provide safety chain for balance weight of swing saw; protect opening between elevator car and wall at second floor; increase size of blower hood on sticker.

GRAND RAPIDS CIGAR CO.—Provide hand rail on basement stairs.

GRAND RAPIDS CLOCK & M. CO.—Within ten days provide guard for swing saw; guard belt on dynamo; place window in door stairway leading to second floor from finishing room; clean and repair all toilets.

GRAND RAPIDS COOPERATE CO.—Cover all set screws and cogs on bottom trimmer; readjust balancing weight on elevator car, also stop button on same; provide steel points on bottom of all ladders.

GRAND RAPIDS ELECTROTYPE CO.—Guard pulley and belt on small dynamo.

GRAND RAPIDS FANCY FURNITURE CO.—Guard belts on sander; provide safety chain for balance weight of swing saw.

GRAND RAPIDS FURNITURE CO.—Provide warning chains on bottom of elevators.

GRAND RAPIDS GAS CO.—Within fifteen days provide rails for platforms in ammonia scrubber room; gaurd pulley on pipe machine; guard all set screws; provide rails at openings in coke storage bins.

GRAND RAPIDS GAS CO. REPAIR SHOPS.—Within ten days provide guards for emery wheels.

GRAND RAPIDS GAS ENGINE & YACHT CO.—Cover cogs on portable crane; provide new hoods for forges; repair guards on Nos. 1, 4, and 11 lathes; repair low water alarm; cover sprocket chain and pulley on iron conveyor; make outside platform near cupalo more secure.

GRAND RAPIDS GRAIN & MILLING CO.—Guard belt on second floor; guard couplings on line shaft on first and second floors; guard pulleys on corn rolls.

GRAND RAPIDS & INDIANA RAILWAY CO.—Within ten days guard all exposed set screws; guard couplings on shafting; guard gears on drill presses Nos. 133 and 58 and on press in small smith shop; provide guard for saw No. 75.

GRAND RAPIDS MALLEABLE WORKS.—Replace guard over sprocket chain on sand mixer; make idle pulley on rattler more secure; provide railing around fan pits; put all water closets in a sanitary condition; enclose fan on dynamo belts; repair blower pipe connection on rattler; make steps leading to dynamo more rigid.

GRAND RAPIDS MOTOR TRUCK CO.—Protect balancing weight on elevator, and cogs on portable crane; put steps leading to blacksmith shop in a safe condition.

THE GRAND RAPIDS NEWS.—Repair floor back of large press.

GRAND RAPIDS PAPER BOX CO.—Within fifteen days provide a clear passageway to fire escape on third floor.

GRAND RAPIDS PIANO CASE CO. LTD.—Within ten days provide warning chains on bottom of elevator; guard band saw in veneer room; guard belts and pulleys on two small jointers in machine room and on sand belt in same.

GRAND RAPIDS PRINTING CO.—Within ten days guard all set screws.

GRAND RAPIDS RAG & METAL CO.—Keep passage to stairs on second floor clear.

GRAND RAPIDS RAILWAY CO.—Guard bevel gears on large drill press.

GRAND RAPIDS REFRIGERATOR CO.—Within ten days increase height of elevator gate on third floor; guard dynamo in metal room and dynamos in basement; guard belts on sanders Nos. 128 and 149; guard band rip saw No. 224, and guard new saw in machine room; guard belts on machines Nos. 195 and 198; file permits for all boys under sixteen.

GRAND RAPIDS SCREEN CO.—Within five days clear approach to fire escape.

GRAND RAPIDS SHOW CASE CO.—Within fifteen days provide belt shifters for belts on polishing and buffing wheels; guard belts from first floor to shafting on second floor; guard end of shaft in plating room; guard belts and pulleys on blower in polishing room.

GRAND RAPIDS UNDERWEAR CO.—Within five days provide guard rails for shafting and pulleys on sewing machines; provide warning chains on bottom of elevator.

GRAND RAPIDS UPHOLSTERING CO.—Provide safety chain on swing saw.

GRAND RAPIDS VENEER WORKS.—Cover all set screws; provide additional protection on rear of No. 25 swing saw; remove all loose bricks around steam pipe running through wall; cover cogs on Nos. 2 and 3 splicer; put all water closets

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in a sanitary condition; replace chain on bottom of elevator car, also gears on elevator hoist with new ones.

JOHN GRAVENDYK.—Provide guard for hair picker.

GROSKOPF BROS.—Repair hand rail on stairway to third floor; place all toilets in sanitary condition.

HANEY SCHOOL FURNITURE CO.—Replace railing across drive belt; cover all set screws; provide guard over emery wheel; repair outside step, also step leading to cupalo; put all water closets in a sanitary condition; protect rear saw on tenon machine and cogs on jointer.

HARDWARE SUPPLY CO.—Repair door of elevator shaft; provide guard on four spindle drill presses.

H. J. HARTMAN FOUNDRY CO.—Within fifteen days repair cable on crane in center of foundry.

H. J. HEINZ CO.—Guard belts in cooking room and belt on onion chopper; guard all exposed set screws; provide stools for female employes in tomato and pickle rooms; repair low water alarm.

HEKMAN BISCUIT CO.—Within five days guard all belts on cracker machine; guard gears on small dough mixer; at once file permit for one boy under sixteen.

HENDERSON MILLING CO.—Within five days guard belt and pulleys on south side of milling machine.

HEROLD-BERTSCH SHOE CO.—Guard belt on shaving machine.

HETH BROS.—Within ten days provide guards for emery wheels; provide guards for gears on lathe, and place toilet in a sanitary condition.

HEYMAN CO.—Repair elevator gate on third floor.

FRED H. HIRTH.—Within five days cover opening in saw mill.

A. HIRTH & CO.—Enclose crank on stone cutting saw.

HIRTH-KRAUSE CO.—At once provide clear passageways to all stairways; within ten days provide cover on elevator.

HOME CO-OPERATIVE BAKERY.—Within three days arrange hours of female employes so that they do not exceed ten hours in any one day or more than fifty-four hours in any one week.

W. C. HOPSON CO.—Within ten days provide hand rails on basement stairs; provide guard rail at open door on south side of building.

THE HOT BLAST FEATHER CO.—Cover all set screws and cogs on two cotton pickers; protect pulley and belt on feather renovator; place guard over emery wheel.

A. HYDE & SON.—Within five days provide guard for gears on grinder.

IDEAL FOUNDRY CO.—Provide two sanitary water closets.

IDEAL PAPER BOX CO.—Guard pulley on ending machine.

IMPERIAL FURNITURE CO.—Protect guard on tapering machine and jointer near same; protect side belts on No. 13 sander, also on No. 5 planer; cover projecting bolts near dove tailor.

IMPERIAL MACHINERY CO.—Guard belt on dynamo; guard gears on drill press and gears on lathe; provide guard for emery wheels.

INTERCHANGEABLE FIXTURE CO.—Provide new blower system.

PAUL JASILSKI.—At once place workrooms and toilet in sanitary condition.

JENNINGS MFG. CO.—Provide hand rails on all stairways; provide screw on top of elevator.

G. J. JOHNSON CIGAR CO.—Provide steps leading to window at fire escapes.

JOHNSON FURNITURE CO.—Within thirty days guard cables of elevator on all floors; guard drive belts on all floors; guard belts and pulleys on Roults carver, shaper, sander and drive belt in basement; guard belt of band saw in veneer room; provide rail around fly wheel in engine room; guard all other dangerous places.

J. B. JOHNSON'S SON.—Provide guard on side of cylinder press to protect operator from bed.

GEO W. KEENA PRINTING CO.—Guard shaft of small Gordon press.

THE KELLY ICE CREAM CO.—Repair elevator gate on second floor.

KELLY SHIRT CO.—Repair elevator gate on first floor.

KENT STORAGE CO.—Within ten days provide hand rails on all stairways.

KINDEL BED CO. Within fifteen days provide guard for belts on picker machine on second floor; provide guard for planer on first floor.

KLISE MFG. CO.—Within fifteen days guard belts on shaper, belts on mitre saw and belts on moulding carvers; guard pulley on rounder.

JOS. B. LANG.—Place toilet in sanitary condition and repair same.

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ADOLPH LEITELT IRON WORKS.—Within ten days repair low water alarm; provide hand rails on stairs to furnace platform in foundry.

LEWIS ELECTRIC CO.—Guard gears on lathe; guard upper wheel of band saw and guard pulley of same.

LINDNER INTERIOR MFG. CO.—Within three days place all toilets in sanitary condition.

C. J. LITSCHER ELECTRIC CO.—Within ten days place hand rail on stairs to basement; guard small elevator.

THE LUCE FURNITURE CO.—Within fifteen days provide approved low water alarm for boilers; provide hand rail on fire escape from finishing room; repair elevator gate in mill room.

LUXURY CHAIR CO.—Provide stronger guards over two emery wheels; provide safety cylinder heads for buss planer.

THE MACEY CO.—Within fifteen days provide guard rail for pulleys and belts on belt sanders, second floor, belt on counter shaft of boring machine, belt on sander No. 7693, and belt on dynamo in engine room.

MACAULEY BROS.—Provide guard for gears on drill press; guard emery wheels; cover all exposed set screws.

MARQUETTE LUMBER CO.—Guard all set screws.

MARTIN WURZBURG.—Guard key seat on Gordon press.

METZ GARAGE.—Equip boiler with low water alarm.

MICHIGAN AUTO-JOINT CO.—Enclose two pulleys; place guard over emery wheel.

MICHIGAN CABINET CO.—Protect belt on buss planer and double cut off saw, also set screw on counter operating No. 226 saw; cover pipe running across runway; cover cogs on graining machine.

MICHIGAN CHAIR CO.—Within fifteen days provide blower connections for shaper on second floor; keep all approaches to fire escapes clear.

MICHIGAN DESK CO.—Within ten days guard belts on sanders; increase height of guard on band rip saw; guard belt on band rip saw; protect coupling on shaft over band rip saw; guard belts on shaper and on belt sander on second floor.

MICHIGAN GARMENT CO.—Repair guard over drive belt.

MICHIGAN GYPSUM CO.—Guard rope belts on second floor; guard gears on rock crushers.

MICHIGAN LITHOGRAPHING CO.—Within five days repair low water alarm; tighten connecting rod on engine.

MICHIGAN PLATING CO.—Cover one set screw on line shaft; repair steps and remove pipe running across doorway.

MICHIGAN WHEEL CO.—Provide guard rail for open doorway on second floor at rear of building.

MORAN MOTOR SALES CO.—Provide guards for emery wheels; place toilet in sanitary condition.

MOSELEY BROTHERS.—Guard one set screw on line shaft.

MUELLER & SLACK CO.—Within ten days provide gate for elevator shaft on first floor and repair gate on second floor.

THE MUNSON CO.—Provide guards for pulleys on grinders.

NACHTEGALL MFG. CO.—Provide belt shifter for belt sander; enclose feed pulleys on planer and big sanders; cover all set screws; put all water closets in a sanitary condition.

NATIONAL CANDY CO., INC. Place low water alarm in good condition; clear windows at fire escapes of all obstructions and provide steps to same.

NATIONAL LOCK & STAMPING CO.—Within ten days provide rope and balance weight on elevator gate.

NATIONAL PIANO MFG. CO.—Within ten days provide guards for emery wheels, also for small saw.

NELSON MATTER FURNITURE CO.—Within ten days provide signs indicating fire escapes.

NICHOLS & COX LUMBER CO.—Within five days provide guard for pulleys on machine No. 77.

"OLIVER" MACHINERY CO.—Within ten days provide points on bottom of all ladders; repair stairs at employes' entrance; provide additional warning chains on large elevator.

ORIEL CABINET CO.—Within ten days provide guards for belts on sander; protect set screws on swing saw in packing room and set screws on counter shaft in carving room; guard buss planer in glue room; within three days place low

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water alarm in good condition; keep main door unlocked during working hours.

Oswald Motor Car & Supply Co.—At once place toilet in sanitary condition; guard opening in floor on north side of building.

The Overland Co.—Repair elevator gate on second floor; guard opening on side of shaft.

O. S. Paine Co., Ltd.—Provide hand rail for steps leading to large fan; protect pulley on belt sander; put water closet in finishing room in a sanitary condition; connect new saw to blower; protect shaft back of hair picker.

Patterson Printing Co.—Guard shafting on small presses.

Pere Marquette Railroad Co.—Mechanical Department.—Within ten days protect all exposed set screws; guard all exposed gears on all drill presses, lathes and other metal working machinery; provide rail to guard shaper, pulleys and belts on same; guard gears on flue welding machine; guard blowers in blacksmith shop and guard all other dangerous machinery.

C. E. Peterlein.—Guard exposed set screws on line shaft.

Phoenix Furniture Co.—Within fifteen days guard set screws; guard all couplings near hangers and bearing boxes; guard pulleys on belt sanders, on large sander, belts and pulleys on resaw and pulley on self feed planer; guard counter shaft of twist machine; provide guards for upper wheels of band saws; provide hand rail for stairs of fire room.

Phoenix Sprinkler & Heating Co.—Within ten days guard gears on drill press; provide guards for emery wheels; keep all doors unlocked during working hours.

B. T. Pierce.—Guard pulley on ice cream freezer.

Pierdort Cigar Co.—Place men's toilet in sanitary condition.

Pittsburg Plate Glass Co.—Provide additional warning chains on bottom of elevator.

Pomeroy & Wright.—Provide guards for emery wheels and guard back and drive gears on lathe and bevel gears on drill press.

Powell Brass Mfg. Co.—Guard gears on drill press; provide guards for emery wheels.

The Proudfit Loose Leaf Co.—Provide guard for belt on punching machine.

John D. Raab Chair Co.—Within fifteen days provide extensions to fire escapes on west and south sides of building.

F. Raniville Co.—Provide guards on cutter and shaver machines.

Rathbone Fireplace Mfg. Co.—Within fifteen days provide guards for all emery wheels; guard planer; protect clutch on line shaft in plating room.

The Reed-Tandler Co.—Guard key pins on Gordon presses.

The Reeves Printing Co.—Guard all exposed set screws.

Retting Furniture Co.—Within ten days place low water alarm in good condition.

H. M. Reynolds Asphalt Shingle Co.—Within three days file permit for boy under sixteen years.

Rhodes Mfg. Co.—Within five days place toilet in basement in sanitary condition.

Rindge Kalmbach, Logie & Co.—Provide additional warning chains on small elevator; guard coupling on line shaft on fourth floor.

Roden Leather Co.—Cover cogs in front of boilers; repair one low water alarm; put water closet on first floor in a sanitary condition; enclose sprocket chain and pulley in corner; provide hand rail for north end stairway.

Roseberry-Henry Electric Co.—Guard all exposed set screws.

The Rose Label Machine Co.—Guard exposed gears on all lathes.

The Royal Furniture Co.—Within ten days provide guards for pulleys on counter shafts of planers in basement; guard belts on sander; guard pulleys on large sticker; provide cleats on runways between buildings on fourth floor; clear window of all obstructions at fire escape on third floor.

Rudell Creamery.—Provide guard for balance weight of elevator.

G. B. Russo.—Guard belt on dynamo; guard exposed gears on macaroni machine; place work rooms in sanitary condition.

Sanitary Milk Co.—Within ten days guard set screws on counter shaft of milk agitator; provide additional strip on gear guard of pump in basement; repair steps to basement and second floor; place hand rail on stairs to dressing room; place all gates on elevator shaft in good condition; repair stop rope.

H. Schneider Co.—Within three days clear passage way to window at fire escape.

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SCHUIL PRINTING CO.—Guard keys on small presses; guard pulley on folder.

M. & J. SCHUILING CO.—Cover cogs on small drill press and wire machine; provide automatic platform for elevator.

SECURITY STORAGE & TRANSFER CO.—Within ten days place hand rail on basement stairs.

SEYMOUR & MUIR PRINTING CO.—Guard keys on Gordon presses.

S. SIMON & SONS.—Provide hand rail on stairs.

SLIGH FURNITURE CO.—Within ten days place all toilets in sanitary condition; provide guards for pulleys on drum sanders; provide hand rails on center stairs, fourth and fifth floors.

S. H. SMITH IRON & METAL CO.—Within two days provide clear passage to stairway; guard set screw on shaft of metal shear.

SNYDER FURNITURE CO.—Within ten days provide a guard for buss planer; guard belt on dynamo in engine room; place toilet on third floor in sanitary condition; within three days file permits for boys under sixteen years.

SPROUL-MCGURRIN CO.—Place toilet in basement of sanitary condition.

STANDARD TIRE REPAIR CO.—Place toilet in sanitary condition.

STERLING DESK CO.—Guard belts on sander; place toilet of packing room in sanitary condition.

STICKLEY BROS. CO.—Within fifteen days provide covers on elevators to protect operator.

STILES BROTHERS CO.—Provide guard for jointer; guard all set screws.

SUN COMPANY.—Provide hand rail on stairs.

SWISS AMERICAN KTG. MILLS.—Provide one additional step for stairway leading to boiler pit, and equip same with hand rail, guard for extractors; enclose pulley on winder and make guard higher on other winder.

TERRILL'S EQUIPMENT CO.— Provide safety chain for balance weight of swing saw; repair stairs to basement.

THOMAS CANNING CO.—Within five days repair low water alarms; provide guard for gear on bean picking machine; guard belt on counter shaft of blancher machine, also pulleys on capper and pulp machines.

THE O. & W. THUM CO.—Within fifteen days provide cover over elevator operator.

TIMMER'S GARAGE.—Provide hand rail on stairway.

THE TISCH-HINE CO.—At once do not allow your female employes to work more than fifty-four hours in any one week, and keep posted a copy of section 9 of Act No. 285 of the Public Acts of 1909, as amended.

THE TOLEDO PLATE & WINDOW GLASS CO.—Repair elevator gate on third floor.

TRADESMAN CO.—Provide new treads on basement stairs.

TRIPLEX MFG. CO.—Guard belt and pulley on dynamo.

UNITED STATES GYPSUM CO. NO. 1.—Within ten days replace low water alarm on boiler No. 37.

UNITED STATES GYPSUM CO. NO. 2.—Within ten days provide guard rail for engine.

VALLEY CITY CHAIR CO.—Protect belt on No. 61 saw and side pulley and rear lower shaft on No. 95 planer; put bending room in a sanitary condition; repair north end elevator gate, second floor; protect rear belt on No. 32 machine.

VALLEY CITY DESK CO.—Within fifteen days increase weight of guard on band rip saw; provide covered tanks for drinking water.

VALLEY CITY MACHINE WORKS.—Within ten days provide guard for emery wheel on first floor.

VALLEY CITY MILLING CO.—Within ten days provide guards for pulleys on rolls Nos. 4495, 4496 and 109—on two Stevens rolls and on Nordyke and Marmon; guard all exposed set screws; guard bevel gear on shaft over swing sifter and belts and pulley on same; guard all exposed gears on shafting on top floor.

VALLEY CITY MILLING CO. VALLEY MILL.—Guard drive belt, second floor; guard belts on bag filling machines; guard coupling on line shaft, second floor; guard pulley on corn grinder; guard pulleys on line shaft near door to warehouse.

VANDER STEL'S REPAIR SHOP.—Within ten days provide guards for emery wheels.

VEIT MFG. CO.—Guard belt on rip saw.

VER WYS & CO.—Guard gears on drill press.

VOIGT MILLING CO.—Guard all exposed set screws.

VOIGT MILLING CO.—Within five days guard all exposed set screws on shafting on first floor; guard coupling of line shaft on third floor.

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WADDELL MFG. CO.—Within ten days provide signs indicating way out in case of fire; guard all set screws.

WAGEMAKER CO.—Within ten days provide blower for double cut off saw; guard gears on small press; repair elevator gate on first floor.

WALLIN LEATHER CO. FRONT ST. TANNERY.—Provide hand rail for steps leading to pump pit and cover steam pipe running across same step opening; cover opening in corner of oil wheel; equip all ladders with steel points on bottom of same; provide two additional sanitary water closets; put saw table in carpenter shop in a safe condition and enclose lower part of pulley near same.

WALLIN LEATHER CO. EXTRACT PLANT.—Repair low water alarm.

WALLIN LEATHER CO. MICHIGAN TANNERY.—Repair elevator gate on second floor; cover cogs on pitch machine; protect sprocket chain running across doorway; put all water closets in a sanitary condition.

WALLIN LEATHER CO. MILL CREEK TANNERY.—Protect three belts and lower part of one pulley in beam house, also sprocket chain near lime vat, pulley and belt operating pump, and belt operating bark crusher; provide one additional water closet for beam house and put present one in a sanitary condition.

WATSON-HIGGINS MILLING CO.—Protect big pulley near door; provide hand rail for stairs leading to basement; enclose belt running through floor; cover small cogs on dust collector, clutch for collector.

WEALTHY HEIGHTS GARAGE.—Guard gears on drill press.

CHARLES S. WEATHERLY—Replace guards on emery wheels.

WESTERN MICHIGAN TRANSFER & STORAGE CO.—Within fifteen days provide hand rails on stairs; provide warning chains on bottom of elevator.

WEST SIDE ICE CREAM CO.—Within ten days provide guard for gears on freezer.

WEST SIDE IRON WORKS.—Cover one set screw on line shaft; put urinal in a sanitary condition.

WEST MICHIGAN MACHINE & TOOL CO., LTD.—Within five days guard all exposed set screws; place toilet in sanitary condition.

WEST MICHIGAN PRINTING CO.—Guard belt and pulley on cylinder press.

WHITE PRINTING CO.—Guard keys of all Gordon presses.

JOHN WIDDICOMB CO.—Cover all set screws; make rear guards higher on Nos. 91, 40 and 163 band saws; protect end pulley on No. 119 belt sander; guard front of feed roll on No. 120 sticker; make toe board higher on excelsior cutting machine.

WILLIAMS GLOVE & GAUNTLET CO.—Guard pulleys on cutting machines.

WILMARTH SHOW CASE CO.—Within five days provide hand rail on overhead platform in engine room.

WOLVERINE BRASS WORKS.—Within fifteen days provide guards for belts on dynamo and blowers on fourth floor; repair center blow pipe in polishing room; provide guards for emery wheels on third floor; provide safety chain on weight of swing saw; guard opening of brass furnace pit; provide blowers for emery wheels in foundry.

WOLVERINE OPTICAL CO.—Guard belt and pulley on shaft under grinding table.

WOLVERINE SPICE CO.—Protect belts on two grinders.

WRIGHT CORSET CO.—Guard gears on cutting machine and gears on eyelet machine.

ZAGELMEIER BROS.—Provide guard for pulleys on shirt ironer.

ZAINEA BROS.—Guard emery wheels.

Lowell.

EDWIN FALLAS.—Within five days provide additional guard around engine; guard all exposed set screws; place workrooms in sanitary condition.

WINEGAR MFG. CO.—Guard belts on dynamos.

MICHIGAN BENT RIM & BASKET MFG. CO.—Within five days provide guard for counter shaft of saw; provide additional guard around drive belt in engine room; guard all exposed set screws.

LOWELL SPECIALTY CO.—Guard belt on dynamo; place toilet in sanitary condition.

LOWELL CUTTER CO.—Provide guard for upper wheel of band saw; guard upper wheel of resaw; provide guard rail around fly wheel in engine room.

THE LOWELL GRANITE & MARBLE WORKS.—Guard pulley on dynamo.

JOHN KELLOGG.—Guard end of shaft on drive wheel.

C. E. JAKEWAY.—Provide guard for counter shaft on second floor; provide rail around opening at stairway, second floor.

THE KING MILLING CO.—Within five days guard pulleys and belts on Acme

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Mill; repair floor of Forest Mill; provide guard for exposed gear in elevator room, Superior Mill.

THE LOWELL JOURNAL.—Guard key on Gordon job press.

L. P. THOMAS & CO.—Provide guard for gears on bean picker.

THE LOWELL GARAGE.—Provide guards for emery wheels.

Rockford.

HIRTH-KRAUSE CO. TANNERY.—Place toilet in sanitary condition; provide guard for pulley on dryer on second floor; repair cover over steam pipe below floor in engine room; provide gate at opening of guard around drive wheel in engine room.

NORTH-KRAUSE CO. SHOE FACTORY.—Replace skirt guards on stitching machines; provide cleats on runway between stitching and lasting rooms.

W. H. HYDE.—Protect exposed set screw on line shaft.

SQUIRES & CO.—Protect hand rail on open stairway.

TOWER & TUTTLE.—Provide guards for lower wheel of band saw and guard on front of upper wheel on same.

THE ROCKFORD REGISTER.—Guard key on large press; guard drive rod of table of large press.

D. BELLOWS.—Within ten days provide a proper toilet for female employes.

CHAUNCEY PORTER.—At once guard exposed set screws on line shaft.

Sand Lake.

SAND LAKE CREAMERY.—Guard exposed set screw on counter shaft.

F. W. TUTTLE.—Guard all exposed set screws; guard balance wheel of engine; guard pulleys on planer.

Sparta.

WELCH MFG. CO.—Within ten days provide guards for upper wheels of band saws and for upper wheel of resaw; provide cover for elevator car in old building; guard coupling on line shaft, second floor, old building; provide better guards for set screws on line shaft in machine room; do not allow male employes under the age of eighteen to clean machinery while in motion.

SENTINEL-LEADER PUBLISHING CO.—Guard all exposed set screws.

SPARTA LUMBER CO.—Provide spreader and guard for rip saw; provide safety chain for balance weight of swing saw.

SPARTA CREAMERY.—Guard exposed set screws on line shaft; repair low water alarm.

KEWEENAW COUNTY.

Gay.

WOLVERINE COPPER MINING CO'S MILL.—Within twenty days arrange to place hand rails on all stairways, and cover all exposed cog gears.

Mohawk.

FOLEY BROS. & CO.—Within ten days arrange to have low water alarm placed in good condition.

MOHAWK MINING CO.—Within twenty days place hand rails on stairway at engine house; place railing around hoisting engine drum; place guards over emery wheels in machine shop.

LAKE COUNTY.

Baldwin.

BALDWIN POWER CO.—At once box in pump gearing, also machinery bed.

Nirvana.

MRS. EUNICE LACY.—Place guard chain on cut off saw, also replace water alarm signal on boiler.

LAPEER COUNTY.

Almont.

ALMONT ROLLER MILLS.—Guard set screw on shaft.

ALMONT MFG. CO.—Keep on hand a supply of lime water, sweet oil, vaseline, bandages and absorbent cotton.

LEELANAU COUNTY.

Ceder.

M. A. CULVER & SON.—At once you must not permit any children to be employed on your premises under the age of fourteen years, and before a child between

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the ages of fourteen and sixteen years is employed have a permit on file in your business office.

Glen Arbor.

F. E. FISHER & SON.—Within thirty days equip boiler with an approved low water alarm.

Glen Haven.

D. H. DAY.—Within thirty days erect a railing around main drive on engine, also around hole in floor in lathe room; put hood over both emery wheels in file room, also protect gearing on edger.

Maple City.

L. L. DRAKE.—Within thirty days equip boiler with an approved low water alarm.

A. E. BELLINGER.—At once repair low water alarm; provide hood or dust shield over emery wheels; erect a railing around well and main drive at the back end of engine; protect all belt gearing and cog gearing.

Provemont.

HILTON & MOSIER.—Within thirty days erect a railing on stairway leading from second floor to ground floor; put a spreader on rip saw; erect a railing around all belt gearing on floor; cover up line shaft on floor; provide railing around fly wheel on grinding machine.

LENAWEE COUNTY.

Addison.

ADDISON FLOURING MILL CO.—At once install a low water alarm on steam boiler.

Adrian.

CLARK BASKET CO.—Within ten days install low water alarm on boiler.

THE MAPLE CITY CREAMERY.—At once install low water alarm on steam boiler.

THE VAIL COOPERAGE CO.—Within thirty days put low water alarm in working order.

ADRIAN STEEL CASTINGS CO.—At once put low water alarm in working order.

Blissfield.

THE CONTINENTAL SUGAR CO.—At once put low water alarms in working condition.

HOME CANNING CO.—Within sixty days install low water alarms on boilers.

Hudson.

C. H. EASTMAN & SON.—Within sixty days install a low water alarm on boiler.

Morenci.

E. W. SCOFIELD.—Within twenty days install a low water alarm on steam boiler.

THE OHIO DAIRY CO.—Within ten days put two Wright No. 5 low water alarms in working order.

MORENCI-FAYETTE LIGHT & POWER CO.—Within ten days put low water alarm on No. 2 boiler in working order.

Onsted.

THE ONSTED ROLLER MILLS.—Install a low water alarm on steam boiler.

L. R. CONNOR.—At once install a low water alarm on steam boiler.

PALMYRA.

THE H. H. DRIGGS DAIRY FARM.—Within twenty days install a low water alarm on boiler.

Tecumseh.

TECUMSEH HANDLE CO.—Within ten days install a low water alarm on steam boiler.

MUNICIPAL WATER WORKS.—Within twenty days install low water alarms on boilers in your pumping station.

LIVINGSTON COUNTY.

Brighton.

GALBRAITH MILLING CO.—Within ten days install a low water alarm on boiler.

Howell.

C. A. PARSHALL & CO.—Within ten days box in belting which passes through floor.

A. O. HUTCHINGS.—Within ten days box all holes where belting comes through floor; install low water alarm on boiler.

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Pinckney.

THE HOYT BROS.—Within ten days install a guard around belting where it passes through floors, also a railing around stairs leading to basement.

LUCE COUNTY.

Newberry.

J. C. FOSTER.—At once install hand rail around stair opening on second floor; provide automatic gate on elevator on second floor.

LAKE SUPERIOR IRON & CHEMICAL CO.—At once install hand rail on stairs and all gangways in still house, also guard four couplings on main shaft in still house; repair low water alarms on boilers Nos. 1 and 5; repair blow-off valve on boiler No. 1.

NEWBERRY STATE HOSPITAL.—At once repair low water alarm on boiler No. 5.

NEWBERRY WATER & LIGHT PLANT.—At once guard stair opening.

MACKINAC COUNTY.

Bissell.

NORTHERN CEDAR & LUMBER CO.—At once equip boiler with an approved low water alarm; guard all exposed set screws; guard holes in floor.

Brevort Lake.

APPLEFORD BROS.—At once install rail around conveyor pit; guard all belts running through floor; guard bevel gear that operates slab saws; equip boiler with an approved low water alarm.

Cedarville.

H. P. HOSSACK & CO.—At once repair counter shaft that drives planer.

CEDARVILLE BOAT CO.—At once guard back of band saw.

Charles.

LOUD LUMBER CO.—At once guard three belts on knot saws; repair floor at knot sawyer's stand No. 2.

Engadine.

FREEMAN LUMBER CO.—At once file permits for all boys between fourteen and sixteen years of age.

Gilchrist.

A. B. KLISE LUMBER CO.—At once guard all belts running through floors; guard drive belt on engine; provide low water alarm on boiler.

Hessel.

JOHN HESSEL.—At once provide hand rail on stairs; guard belt on planer and belt on sticker; repair all holes in floor; guard belt on log conveyor.

Mackinac Island.

THE GRAND HOTEL.—At once equip boilers with approved low water alarms.

St. Ignace.

E. J. LAWSON.—At once provide guard rail on drive belt.

CITY STEAM LAUNDRY.—At once provide low water alarm on boiler and governor on engine.

ST. IGNACE PUBLIC WORKS.—At once repair water column on boiler No. 2; enlarge blow pipes on boilers; install guard rail around belt and exciter on electric lighting generator.

CHAS. JOHNSTON.—At once install hand rail on stairs to wood working room.

MACOMB COUNTY.

Disco.

UTICA CO'OP. CREAMERY ASSOCIATION.—Equip boiler with an approved low water alarm.

Meade.

CHESTERFIELD CREAMERY CO.—Within thirty days place an approved low water alarm on boiler.

Mt. Clemens.

JOHN PRICE.—Place an approved low water alarm on boiler.

HUBARTH & SCHOTT CO.—Within ten days place guard on band saw, also guard knives on edger.

A. VON BOESLAGER.—Within ten days place approved low water alarms on boilers.

New Haven.

EDMUNDS & HARRIS.—Within ten days guard motors in flour mill.

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Ray Centre.

WOLCOTT'S RAY CENTRE MILLS.—Box in shafting.

MANISTEE COUNTY.

Arcadia.

ARCADIA FURNITURE CO.—At once file permits for all children between fourteen and sixteen years; discontinue the practice of working women around dangerous machinery and performing manual labor, compelling them to remain standing all day; erect clean toilets for both sexes; put suction pipes on emery wheels in file room, also provide shield over same; extend railing around main drive wheel across main shaft; guard all belt gearing on floor.

BUCKLEY CHAIR CO.—At once install suction pipes to all sanders; provide spreader for rip saw; box up all belt gearing on floor.

A. GOON.—Cover set screw on main shaft; at once equip boiler with an approved low water alarm.

ARCADIA LUMBER CO.—At once box up cog gearing on conveyor; do not permit boys under the age of eighteen years to work more than fifty-four hours a week nor more than ten hours in any one day.

Bear Lake.

THE BEAR LAKE ROLLER MILLS.—At once put railing on stairway; place guard around large belt on each end of mill on both floors; cover cog gearing on machine on second floor.

KEDDIE & SON.—At once discontinue the practice of violating the fifty-four hour law.

E. V. O'ROURKE.—At once put covers over cogs and set screws on freezer, also protect set screw on pulley side of same machine; protect set screw on churn.

Copemish.

COPEMISH BEAN & GRAIN CO.—Erect guards around all belt gearing.

Filer City.

MANISTEE & GRAND RAPIDS R. R. CO.—Guard main drive belt on engine, also guard spreader on rip saw.

Kaleva.

ALEX OLLILA.—Erect a railing around main drive from engine to cut off saw, also put a spreader on rip saw.

Manistee.

AMERICAN PRINTING CO.—Place guard around fly wheel of press.

AMERICAN WOODENWARE CO.—At once discontinue the practice of employing children under fourteen years of age; file permits for all children between fourteen and sixteen years; put toilets in a clean condition; safeguard elevator and all dangerous machinery; discontinue the practice of working male employes under eighteen years of age more than fifty-four hours per week.

ROSE BOWER.—Within thirty days provide separate toilets for both sexes employed by Mrs. C. L. Varley who rents the property which you have in charge on Division St.

CENTRAL TOWER CLOCK WORKS.—At once install low water alarm on boiler used for heating.

J. E. FREDERICKSON.—Place railing on one stairway and a new stairway leading from back door to toilet; box up gearing to extractor machine; at once repair low water alarm.

W. T. HATCH ICE CREAM CO.—Place guard around ice chopper.

HORNKOL'S BAKERY.—Equip boiler with a low water alarm.

AUGUST N. JOHNSON.—Erect guard around fly wheel to engine; put shield over cog gearing to lathe.

JOSEPH KIRSTER.—File permit for boy between fourteen and sixteen years of age.

LLOYD & SMITH.—Place guard on elevator.

LOUIS SANDS SALT & LUMBER CO.—Place guards around belt gearing on floor in planing mill.

LOUIS SANDS SALT & LUMBER CO.—Provide feed conveyor either covered or with railing built around it; provide spreader on rip saw in carpenter shop.

MANISTEE COUNTY POOR FARM.—Within thirty days equip both boilers with approved low water alarms.

MANISTEE IRON WORKS.—Guard emery wheels, also place guard on band saw in pattern room; provide spreader on rip saw.

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NOUD LUMBER CO.—Place railing around belt to fan.

OLSON PLANING MILL CO.—Place guards around main drive belt, also guards around belting gear to matcher, planer and rip saw.

H. E. ROY & CO.—Erect a railing around trap door of stairway to basement.

SALT CITY WAGON SHOP.—Box in lower wheel of band saw; provide spreader for rip saw and also have guard placed on same rip saw.

Onekama.

A. L. SHOWALTER.—At once equip both boilers with approved low water alarms; put shields over emery wheels; erect guards around both steam and gasoline engine fly wheels; box up all belt gearing on floor; put spreader on rip saw and shield on cut off saw; box in band saw, and put shield on all cog wheels.

Wellston.

STRONACH DEVELOPMENT CO.—At once move dynamo exciter far enough from the wall to allow passageway so the operator can get to turbin and sit, also erect railing all around turbin head and along wall at end of pond and along rollway on north side, and fence in the cribbon southwest of plant.

MARQUETTE COUNTY.

Big Bay.

LAKE INDEPENDENCE LUMBER CO.—Within twenty days place railings on all stairways, and have low water alarm placed in good condition; also have waste pipe connected to low water alarms.

Ishpeming.

JOS. J. LEFFLER.—At once have low water alarm placed in good condition.

AMERICAN CANDY CO.—Clean up workroom.

MRS. C. RILEY.—As soon as possible arrange to have workroom better lighted by placing window in back of building.

PITTSBURG & LAKE ANGELINE IRON ORE MINE.—Cover all exposed emery wheels.

PETER BARASA.—At once place working permit on file for boy working in shop between 14 and 16 years of age.

Negaunee.

H. J. PETERSON.—Within ten days place toilet in building for the use of employes.

MAURICE HAIMAN.—At once arrange to have your place of business cleaned up and placed in a sanitary condition.

MCCANN'S AUTO LIVERY.—At once file working permit for boy employed by you between 14 and 16 years of age.

SING YUEN LAUNDRY.—At once clean up your laundry and place premises in a sanitary condition.

PETER F. BARASA.—At once place on file working permit for boy in your employ between 14 and 16 years of age.

New Dalton.

THE DALTON LUMBER CO.—Within twenty days equip two steam boilers with approved low water alarms; place guard around exposed belt gear.

Marquette.

T. J. FARNEY.—Within ten days arrange to have railing placed on stairway from second floor to blacksmith shop.

SCHNEIDER & BROWN.—Clean up workplace and keep same in a sanitary condition.

SUPERIOR GARAGE.—Arrange to have railing placed on stairway leading to machine shop.

CLOVERLAND AUTO CO.—Within ten days arrange to have guards over all emery wheels, and place an approved low water alarm on steam boiler.

WILLIAM WILLIAMS.—At once arrange to have your place of business cleaned up and placed in a sanitary condition.

MARQUETTE BRANCH PRISON.—Within ten days place hand railing on stairway from first to second floor of overall factory.

MARQUETTE BOX & LUMBER CO.—Within twenty days arrange to have guards placed over all exposed saws and railings placed around all belt gears in your factory.

THE CLEVELAND-CLIFFS IRON CO.—MINING DEPT.—Within thirty days place safety wire screen in front of high tension wire in gallery at your Carp River Electric & Water Plant.

F. W. SAMBROOK & SON. Within one day place low water alarm on boiler in good working condition and keep it so; place guards around belt wheels.

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CENTRAL MEAT MARKET.—Within two days file permit for one boy between 14 and 16 years of age.

THE CLEVELAND-CLIFFS IRON CO.—PIONEER IRON CO.—Within five days extend waste pipe from low water alarm to sewer.

FRED BUREAU & SONS.—Within two days place factory in a sanitary condition.

MASON COUNTY.

Ludington.

LUDINGTON BASKET CO. Within fifteen days repair low water alarms.

LAKESIDE PRINTING CO.—Within five days guard key on fly wheel of Gordon press.

INDUSTRIAL IRON WORKS.—Within thirty days guard gear on bull lathe.

AMERICAN STEAM LAUNDRY.—Within thirty days equip boiler with an approved low water alarm.

Scottville.

SCOTTVILLE LUMBER CO.—Within thirty days provide guard on rip saw in shop.

MECOSTA COUNTY.

Barryton.

BARRYTON ROLLER MILLING CO.—Guard pulleys on dynamos in warehouse and on first floor of mill; guard pulley and drive belt in basement.

Big Rapids.

THE MODEL CO-OPERATIVE CREAMERY ASSOCIATION.—Within ten days repair and place in good condition low water alarm.

C. MURPHY.—Guard pulley and belt on dynamo.

JONES & GREEN.—Repair and place in safe condition north and west walls of boiler room; guard belts on flooring machines.

LESTER J. STIMSON.—Within ten days guard elevator opening on second floor.

BIG RAPIDS FURNITURE MFG. CO.—Provide additional board on side of elevator to guard balance weight of same; guard pulleys and belts on sander.

HOOD & WRIGHT.—Guard belts and pulleys on veneer cutter; make guards for lower wheels of band saws more substantial; guard all exposed set screws.

FALCON MFG. CO.—Guard belts and pulleys on sanders and guard same on self feed rip saw and on planer.

DARRAH MILLING CO.—Guard pulleys on rolls at passageway, north side of mill; provide hand rail at conveyor on top floor.

THE BULLETIN-HERALD.—Cover all exposed set screws.

LUCE-REDMOND CHAIR CO., LTD.—Within thirty days provide new cable for elevator; guard upper wheel of band saw in veneer room.

WARD BROS.—Within ten days provide guards for drive pulleys and belts of flooring machines.

THE CITY LAUNDRY.—Within thirty days provide ventilator fan for north side of work room.

MECOSTA COUNTY MILLS.—Guard chain gears on Marvel mills.

WILLIAM BATSON.—Enclose electric switch board.

Mecosta.

A. M. SHANTZ.—Provide covered tank with faucet for drinking water.

Remus.

D. MANSFIELD & CO.—Guard chain gear on second floor; cover set line shaft in basement.

Rodney.

D. MANSFIELD & CO.—Within fifteen days provide ladder on west side of building at double windows for use in case of fire.

MENOMINEE COUNTY.

Daggett.

DAGGETT CREAMERY.—Within thirty days provide low water alarm on boiler.

Hermansville.

WISCONSIN LAND & LUMBER CO.—Within thirty days countersink all set screws on shafting; provide automatic gate on elevator; repair low water alarms.

Menominee.

MENOMINEE & MENOMINEE PAPER CO.—Within fifteen days repair low water alarms on boilers.

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HENES & KELLER CO.—Within fifteen days countersink all set screws on shafting.

THE PRESCOTT CO.—Within thirty days provide guard on upper wheel of band saw, also guard on rip saw; provide guards on emery wheels in blacksmith department.

MENOMINEE ELECTRIC MFG. CO.—Within thirty days provide better light in factory.

Wilson.

WILSON CHEESE CO.—Provide low water alarm on boiler.

MIDLAND COUNTY.

Midland.

CITY STEAM LAUNDRY.—At once equip boiler with an approved low water alarm.

MISSAUKEE COUNTY.

Jennings.

MITCHELL BROS. CO.—Protect all belt gearing on floor; discontinue the practice of working boys under the age of eighteen years more than fifty-four hours a week; keep a copy of section 9 posted in your establishment.

Lake City.

LAKE CITY ELECTRIC LIGHT & WATER CO.—At once repair low water alarm.

MISSAUKEE REPUBLICAN.—At once arrange to clean up your factory and keep it in a clean and sanitary condition; guard handle on Fairhaven press.

McBain.

MCBAIN ROLLER MILLS.—At once repair low water alarm and keep same in good working order.

MONROE COUNTY.

Dundee.

DUNDEE HYDRAULIC POWER CO.—Equip boiler with an approved low water alarm.

THE OHIO DAIRY CO.—Within ten days equip boiler with an approved low water alarm.

Monroe.

MONROE GARAGE.—Within thirty days guard exposed gearing on lathes, also guard emery wheel.

VAN BLERCK MOTOR CO.—Within one day file permit for boy between fourteen and sixteen years of age.

MONTCALM COUNTY.

Butternut.

BANTON & KERR.—Guard gears on bean picker.

Carson City.

SMITH & SHINABAGAR.—Provide guards for emery wheels.

GEO. WALT.—Cover all exposed set screws.

J. T. WATERS.—Cover all exposed set screws; provide guards for emery wheels.

F. RALPH.—Provide guards for emery wheels.

THE CARSON CITY GAZETTE.—Guard key on Gordon press; cover all exposed set screws.

LYON & DANIELS.—Cover all exposed set screws; guard lower chain gears on flour bolter; guard opening at stairway, second floor.

Coral.

CORAL CONCRETE CULVERT CO.—Within thirty days equip boiler with low water alarm.

CHAPPLE & SKEOCH.—Guard pulley and belt on engine; guard gears on giant bean picker.

Crystal.

OTIS A. SANFORD.—Guard drive pulley on line shaft; cover exposed set screw in engine room.

B. F. SHAFFER.—Repair low water alarm; provide spreader and guard for rip saw.

Edmore.

EDMORE ROLLER MILLS.—Provide guard rail for engine and guard belts and pulleys on dynamos.

EDMORE WATER WORKS.—Within ten days provide hand rail on stairs leading to pump in well; repair low water alarms.

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L. BARBER & CO.—Within ten days provide gates at all openings of elevator shaft; provide guard rail for pulley on engine.

A. E. CURTIS.—Guard belt and pulley on engine; place workrooms in sanitary condition.

EDMORE GARAGE.—Provide guards for emery wheels.

Greenville.

GIBSON REFRIGERATOR CO.—Within fifteen days provide cover for top of elevator in main building; provide gate at elevator shaft of warehouse B; provide hand rail on stairs of warehouse A.

RANNEY REFRIGERATOR CO.—Within fifteen days provide covers on elevators in buildings A. and B., also provide chains for balance weights on swing saws; protect exposed set screws.

MONTCALM CREAMERY CO.—Guard all exposed set screws.

CHRISTENSEN GLOVE WORKS.—Provide skirt guards on sewing machines.

GREENVILLE IMPLEMENT CO.—Within fifteen days provide guard for lower wheel of resaw; guard bevel gears on two large drill presses; guard opening east side of brass furnace pit; provide ropes to windows in skylight of foundry building so that they can be opened from the floor.

WRIGHT BROS. & CO.—Guard pulleys on rolls near floor.

THE DAILY CALL.—Guard exposed set screws on line shaft, cover key on large press.

CANADA MILLS CO.—Within thirty days provide a fire escape on north side of building at center window, such escape to be erected as near as practical in accordance with the specifications delivered.

THE R. J. TOWER MILLING CO.—Guard pulleys on rolls No. 8629.

W. MATLOCK.—At once place workrooms in sanitary condition.

KNAPP, THOMAS & PETERSEN.—Provide guards for emery wheels.

C. H. GIBSON & CO.—Guard gears on giant bean picker.

CITY GARAGE.—Provide guards for emery wheels.

L. J. GREEN.—Provide rope or spring on toilet room door to keep same closed.

MICHIGAN STATE TELEPHONE CO.—At once do not permit female in your employ to work more than fifty-four hours in any week or more than ten hours in any day.

THE R. J. TOWER IRON WORKS.—Within fifteen days provide guards for emery wheels in machine shop and on second floor of same building; guard bevel gears on large drill press and also gear on radial drill press; provide better guard for opening in floor of melting room.

J. T. RIDLEY.—Provide rail at open door, rear of building.

CITIZENS TELEPHONE CO.—At once do not permit female in your employ to work more than fifty-four hours in any week or more than ten hours in any day.

Howard City.

BOOTH MFG. CO.—Within ten days repair low water alarm on east boiler; within thirty days provide guards or safety heads for jointer and buss planer.

THE HOWARD CITY RECORD.—Guard key on Prouty press.

J. H. PROUT & CO.—Guard exposed set screws on counter shaft of bag filling machine; guard pulleys on rolls near doors and guard same on corn mill.

HOWARD CITY GARAGE.—Provide guard for emery wheel; provide rail and gate at elevator opening on second floor.

Lakeview.

MACOMBER & BALE.—Within ten days equip matcher, sticker and lathe machines with belt shifters; provide guard rail at face of fly wheel.

LAKEVIEW MILLING CO.—Provide hand rail for stairs to third floor.

MICHIGAN CHAIR & TABLE CO.—Within fifteen days place elevator gate on second floor of machine building in good working order; equip buss planer with guard or provide safety head for same; provide safety chain for balance weight of swing saw.

THE LAKEVIEW ENTERPRISE.—Guard key on Gordon press.

HAFEY & WANDEL.—Provide guards for emery wheel.

ROY BROWN.—Provide guards for emery wheels.

LAKEVIEW ELEVATOR CO.—Within ten days guard gears on giant bean picker.

Sheridan.

A. C. KIDDER.—Cover exposed set screws.

THE SHERIDAN CREAMERY.—Guard pulleys on engine; cover exposed set screws in engine room.

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Stanton.

STANTON CLIPPER-HERALD.—Guard all exposed set screws.

THE "IMPROVED" SHUFFLE BOARD CO.—Within ten days provide a guard for emery wheel; guard lower wheel of band saw.

STANTON CITY MILLS.—Provide guard rail around engine.

O. D. VANDEBOGET & CO.—Provide covers for openings in floor of mill room.

STANTON HARDWARE CO.—Provide guards for emery wheels.

B. E. CADWELL & CO.—Provide hand rail for stairway to engine room.

LIBBY, MCNEIL & LIBBY.—Provide seats for female employes.

Trufant.

OSCAR HANSEN.—Provide guard rail around engine.

Vestaburg.

VESTABURG ELEVATOR CO.—Within ten days provide covered tanks with faucet for drinking water.

Vickeryville.

M. C. JOHNSON.—At once provide partition between cheese room and feed mill.

MUSKEGON COUNTY.

Fruitport.

GRAND RAPIDS, GRAND HAVEN & MUSKEGON RAILWAY CO.—Guard exposed cog gearing on large lathe.

Montague.

WHITE LAKE CREAMERY CO.—At once guard two exposed set screws on line shaft.

MONTAGUE MILLING & SUPPLY CO.—Within fifteen days repair low water alarm; guard all exposed set screws in mill, also bevel gearing, cog gearing and belt gearing on lower floor.

Muskegon.

ADVANCE MFG. & SUPPLY CO.—Within thirty days equip boiler with an approved low water alarm.

AMAZON KNITTING MILLS.—At once protect three exposed set screws, also one bevel gear and one cog gearing.

THE BRUNSWICK-BALKE-COLLENDER CO.—At once repair low water alarm.

CONTINENTAL MOTOR MFG. CO.—Guard fifty-two exposed set screws, also regulate the whistles on two of the low water alarms so as to give a louder warning.

DALTON CREAMERY. Within thirty days equip boiler with an approved low water alarm; guard exposed set screws on line shaft.

GILROY ICE CREAM CO.—At once have drift key on ice crushing machine protected.

LAKE SHORE STONE CO.—Within ten days erect a hand railing on stairway in crushing plant, also a railing along walk on top of bins and erect a guard around hopper.

LANGELAND MFG. CO.—At once guard all exposed set screws.

LINDERMAN MACHINE CO.—At once guard all exposed set screws; discontinue the practice of violating the fifty-four hour law.

J. LOESCHER TANNERY CO.—Within ten days guard all exposed set screws; erect a shield over emery wheels; repair floor on lower floor of factory.

MILLER & CO.—Guard exposed drift key on press, also exposed set screws.

MUSKEGON AUTOMOBILE CO.—Equip stairway with a hand railing; repair gate to elevator on first floor; guard exposed set screws on line shaft.

MUSKEGON BAKING CO.—Within thirty days equip boiler with an approved low water alarm.

MUSKEGON EXTRACT CO.—At once repair both low water alarms.

MUSKEGON LAUNDRY CO.—At once erect a guard railing around main drive on engine.

MUSKEGON VALLEY FURNITURE CO.—Within fifteen days erect a railing along side of engine in engine room; protect both elevators on ground floor with automatic gate; at once repair low water alarm.

MUSKEGON WATER WORKS.—At once guard exposed drift keys on engine.

PEOPLES MILLING CO.—Guard exposed set screws on line shaft on second floor.

SARGENT MFG. CO.—At once erect guards on emery wheels; guard exposed set screws.

C. H. SHAFFER, M. E.—Guard exposed set screws on line shaft.

SHAW-WALKER CO.—At once equip emery wheels in turning room and emery wheels in mill room on ground floor with shields; discontinue the practice of

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keeping the mill room crowded with stock; equip your factory with at least two fire escapes as per specifications delivered December 1st, 1913.

PETER P. STEKETEE.—Equip boiler with an approved low water alarm.

STEWART HARTSHORN CO.—Erect a railing around engine in engine room, also protect belt running through floor; discontinue the practice of violating the fifty-four hour law and keep a copy of section 9 nailed up.

SUPERIOR SEATING CO.—At once erect a shield over emery wheels; equip stairway in rear end of boiler room with a railing, also install a light there; discontinue the practice of piling stock too close to all stairways.

T. A. SWARTZ.—Within ten days guard lower wheel on band saw.

VULCANIZED PRODUCTS CO.—At once repair low water alarm.

L. WASSERMANN.—Within thirty days equip one boiler with an approved low water alarm.

WRIGHT COOLER & HOOD MFG. CO.—Within ten days erect a box around lower wheel of band saw, also erect a shield over both emery wheels.

YOUNG'S GARAGE.—Within thirty days equip boiler with an approved low water alarm.

Muskegon Heights.

BROWNE-MORSE CO.—Within fifteen days repair low water alarm; guard exposed set screws.

CAMPBELL, WYANT & CANNON FOUNDRY CO.—At once guard emery wheels and exposed set screws; keep pit covered in fire room; install a wash room and new sanitary toilets.

MARCH-TENNY CO.—At once guard two exposed set screws.

PYLE PATTERN & MFG. CO.—At once erect a clean and sanitary toilet and wash room for your employes; arrange to carry away all dust from the tumbling barrels to the outside of factory.

Ravenna.

A. E. YOUNG.—At once guard endless chain, also fly wheel on engine on right side and belt on left side.

Whitehall.

REED BROS.—At once guard belt gearing on first floor.

PETER JENSEN.—At once guard lower wheel of band saw, also guard exposed set screws; erect a railing along main belt.

MUNICIPAL ELECTRIC LIGHT & WATER WORKS.—At once guard drift keys on electric light engine; erect a railing on the right hand side of engine, also on both sides of alley between belts and make railing on left side more secure; brace the arch on the front left hand corner.

EAGLE TANNING WORKS.—At once guard exposed set screw, also bevel gear and all cog gearing; equip stairway in bark room with a hand railing, also loft in front of boilers in fire room.

NEWAYGO COUNTY.

Fremont.

FREMONT TIMES-INDICATOR.—Protect all exposed set screws.

J. L. HILLYARD & CO.—Put a railing around fly wheel on engine also equip stairway with railing.

FREMONT CANNING CO.—Within fifteen days provide a new cable for elevator; guard all exposed set screws; protect balance weight of elevator; at once repair elevator gate on second floor and guard fly wheel of engine.

H. J. HEINZ CO.—Within thirty days equip boiler with an approved low water alarm; at once provide seats for female employes.

CRESCENT MILLS.—Within ten days guard all exposed set screws; guard shaft end and sprocket wheel on shaft of rye elevator on third floor; guard pulleys on sifter, gears on bolter, bevel gears on counter shaft and pulleys on rolls at passageway; guard pulley and shaft in engine room; provide railings at stair openings; guard all other dangerous places.

H. M. MEEUMENBERG GARAGE.—Guard exposed set screws and emery wheels.

FREMONT CREAMERY CO.—Guard all exposed set screws.

Grant.

THE GRANT HERALD.—At once guard drift key on Campbell's press, also repair floor in press room.

GRANT INDEPENDENT.—Guard drift key on press.

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Newaygo.

NEWAYGO ROLLER MILLS.—Within fifteen days guard all exposed set screws, also all bevel gearing and belt gearing; equip all stairways with a hand railing and all walks in the upper part of mill.

White Cloud.

THE WHITE CLOUD EAGLE.—Guard exposed set screws on line shaft.

OAKLAND COUNTY.

Farmington.

FARMINGTON ROLLER MILLS.—Within five days house in belt running through first and second floors.

Holly.

INDEPENDENT POWER CO.—Within ten days put low water alarms on all boilers.

THE MICHIGAN TRUCK & LUMBER CO.—Within ten days repair low water alarms; put proper guard around band saw, also guard all emery wheels.

MCLAUGHLIN BROTHERS.—Within five days provide box for belt running through floor.

Milford.

PETTIBONE MILLS.—Within fifteen days protect and guard all belts leading through floors.

BLACK MFG. CO.—Within four days repair low water alarms, also put guards on emery wheels.

Oxford.

A. E. DETWILER.—Within five days provide guard for emery wheel.

Pontiac.

AUTO PAINTING & TRIMMING CO.—Within ten days cover all shafting on sewing machines in trim shop; put hand rails on all stairways not provided with them; guard band saw; guard all gears on drill press in basement; put safety gates on all elevators in basement; guard all gears on hair picking machine.

BACON MFG. CO. Within ten days guard all emery wheels with wrought iron guard one-fourth inch thick or some other suitable guard.

O. J. BEAUDETT CO.—Within five days guard all emery wheels that are not already provided with same with wrought iron one-fourth inch thick or something as strong; guard gears on drill press.

CARTERCAR CO.—Within twenty days provide railings on all stairways; cover shaft in trim shop on sewing machine; guard all emery wheels with wrought iron guards; box in band saw; repair low water alarms on boilers; cover gears on machine No. 71; cover gears on machine No. D. R. 13; guard saw in millwright department.

THE C. E. DEPUY CO.—Within ten days nail door fast on second floor or fasten some way so that it cannot be opened in cleaning machine room; also put railing on stairway from second floor to first landing.

MONROE BODY CO.—Within ten days provide guards on emery wheels, also guard all gears in metal department; provide all stairways with railings; have low water whistle repaired.

NORTHWAY MOTOR & MFG. CO.—Within ten days provide all stairways with railings; guard all emery wheels not provided with guards; guard band saw in millwright department.

OAKLAND MOTOR CAR CO.—Within fifteen days guard emery wheels in experimental department and repair department; guard band saw in wood shop; guard gears on drill press, department 22.

PONTIAC BREWERY CO.—Within ten days repair low water alarm on boiler; put guard around fly wheel.

PONTIAC PAINT MFG. CO.—Within five days put railing on stairway.

THE PONTIAC PRESS GAZETTE.—Within three days guard fly wheel on Gordon press.

PONTIAC STATE HOSPITAL.—Within twenty days provide all stairways with railing in the women's departments.

PONTIAC VARNISH CO.—Within three days remove set screws in shafting and replace with set screws that are flush.

SLATER CONSTRUCTION CO.—Within five days provide proper guard on band saw.

C. V. TAYLOR CO.—Within ten days cover and protect all shafting on sewing machines, also put railing on stairway.

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OCEANA COUNTY.

Hart.

W. R. ROACH & Co.—Place railing on stairway.

E. S. POWERS BUTTER Co.—At once erect guard around churn gearing and belt, also install new low water alarm signal on boiler.

R. W. RIDDLE.—Within thirty days equip your boiler with an approved low water alarm.

OCEANA COUNTY CIDER & VINEGAR Co.—At once guard cog gearing, also bevel gearing and one exposed set screw.

Hesperia.

HESPERIA WATER WORKS.—At once guard cog gearing in power house.

V. E. NEWLUN.—Within thirty days equip boiler with an approved low water alarm; at once provide a spreader on rip saw.

HESPERIA MILLING Co.—At once guard bevel cog gearing, also exposed set screws; put a railing on stairway.

New Era.

NEW ERA CREAMERY.—At once guard exposed set screw.

Pentwater.

THE SEARS & NICHOLS Co.—At once safeguard chain to carriage, also erect guard around belt running through floor between first and second stories; discontinue the practice of muffling or choking low and high water alarms on boilers; post copies of section 9 in conspicuous places.

THE STEARNS LIGHTING & POWER Co.—At once erect a guard over cog gearing on pump.

FRED LAGESEN.—At once discontinue the practice of violating the fifty-four hour law.

Shelby.

F. E. LEWELLYN.—At once erect a safe railing around trap door in floor between first and second stories, also put a safe hand railing on both sides of stairway leading to second story; change doors so as to swing outwardly.

SHELBY BASKET Co.—Place guard around jointer; file permit for one boy between fourteen and sixteen years of age; post copies of section 9 in conspicuous places.

HARRISON BASKET Co.—Place guard around jointer; file permit for one boy between fourteen and sixteen years of age; post copies of section 9 in conspicuous places.

C. L. EESLEY MILLING Co.—At once guard cog gearing and exposed set screws, also large belt running through floor.

SHELBY WATER WORKS.—At once box up all cog gearing and bevel gearing.

OGEMAW COUNTY.

Prescott.

LESLIE BROS.—Guard emery wheel.

C. L. OSWALD.—Guard emery wheel.

Rose City.

ROSE CITY CREAMERY.—Within sixty days install an approved low water alarm on steam boiler.

ONTONAGON COUNTY.

Ontonagon.

ONTONAGON CREAMERY Co.—Within twenty days place low water alarm on your steam boiler.

ONTONAGON ELECTRIC LIGHT & WATER WORKS.—At once place low water alarm in good condition.

EDGAR J. PERRON.—Within ten days arrange to place guards over emery wheel and band saw in your carpenter shop.

OSCEOLA COUNTY.

Evart.

AMERICAN LOGGING TOOL Co.—Within fifteen days provide pulleys on upsetting machine, and cover trip arms on same machine; repair hook on one ladder and provide same with steel points; guard belt on gas engine in east end of building.

EVART WATER & LIGHT PLANT.—Guard drive pulley and fly wheel on one engine.

EVART PLANING MILL.—Provide guard for back of band saw.

EVART CREAMERY Co.—Within ten days guard pulley and belt on engine.

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Hersey.

HERSEY MILLING CO.—Provide hand rail on stairs to basement; guard chain gears on line shaft on upper floor.

LeRoy.

R. E. SMITH.—Guard pulley on feed mill; cover openings in floor of warehouse.

Park Lake.

THE DUROY MFG. CO.—Within ten days remove valve between water column and boiler on small boiler; repair and place in good condition alarms on both boilers; guard belts and counter shafting in automatic handle room; provide guard for swing saw; at once file permit for girl under sixteen years of age.

Reed City.

REED CITY WOOLEN MILLS.—Guard pulleys on two carding machines; guard belt near engine room door.

WELSH & KERRY CO.—Guard pulleys on one flooring machine; provide loose pulley or clutch for polisher machine.

WM. HORNER.—Within fifteen days guard all drive pulleys on flooring machines; at once file permits for all boys under sixteen years of age; discharge one boy under fourteen years of age; do not permit boys under eighteen years to work more than fifty-four hours in any week or more than ten hours in any one day.

OSCEOLA COUNTY HERALD.—Within fifteen days provide vent pipe and hood for metal pot on linotype machine.

OTSEGO COUNTY.

Gaylord.

GAYLORD ELECTRIC LIGHT & WATER COMMISSION.—At once guard two main drive belts and switch board.

BRODIE & QUA.—At once equip elevator with automatic gates.

Vanderbilt.

FRANK KELLEY.—At once guard gear on sawdust conveyor; guard belt running through floor; repair all floors in mill.

Waters.

HENRY STEPHENS & CO.—At once guard main drive belt in planing mill, also guard main drive belt in saw mill No. 1; repair stairs in both saw mills.

OTTAWA COUNTY.

Conklin.

FARMERS' CO-OPERATIVE CREAMERY ASS'N.—Within thirty days install a low water alarm on steam boiler.

Holland.

C. L. KING & CO.—Within thirty days install a low water alarm on boiler No. 3 in basket factory.

BAY VIEW FURNITURE CO.—Within two days install two blowers on sanders.

HOLLAND LUMBER & SUPPLY CO.—Within thirty days install a blower on sander.

MUNICIPAL LIGHT & POWER CO.—Within thirty days repair all low water alarms.

PRESQUE ISLE COUNTY.

Hawks.

ALBERT SELIKE.—At once guard main drive belt; install hand rail on stairs leading to saw mill.

Millersberg.

C. H. STANLEY.—At once guard small engine; provide low water alarm on boiler; guard exposed set screw; guard gear on sawdust conveyor.

Onaway.

THE AMERICAN WOOD RIM CO.—Guard large belts in machine shops; guard all exposed set screws; guard emery wheel in grinding room.

THE LOBDELL-EMERY MFG. CO.—At once guard large belt; guard belt on electric motor; guard large pulley in piece mill.

MUNICIPAL WATER WORKS.—At once install guard rail around engine.

Posen.

POSEN FLOUR & PLANING MILL.—At once guard band saw; provide hand rail on stairs leading to workshop.

WALTER LEWANDOWSKI.—At once repair low water alarm.

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SAGINAW COUNTY.

Chapin.

THE CHAPIN CHEESE CO.—Within sixty days place low water alarm on boiler.

Hemlock.

HEMLOCK CREAMERY CO.—Within five days place low water alarm in good working condition.

Merrill.

MERRILL CREAMERY.—Within five days place low water alarm on boiler.

Saginaw.

E. PELLICCI & CO.—Within ten days place workshop in a sanitary condition.

St. Charles.

HART BROTHERS.—Within thirty days cover knuckle on shafting in basement and place safety guard around elevator.

No. 2 POWER HOUSE.—Place all dangerous machinery around said plant in a safe condition; guard all fly wheels and belts and place low water alarm in working condition; cover all electric wires now uncovered.

ST. CLAIR COUNTY.

Avoca.

AVOCA BUTTER CO.—Within thirty days place low water alarm on boiler in creamery.

Marine City.

MARINE CITY AUTOMOBILE CO.—Within thirty days place proper guard on emery wheel, also guard all exposed gears.

Port Huron.

DRAPER MFG. CO. Guard exposed set screws on shafting.

REID WRECKING CO.—Repair low water alarm.

WOLVERINE DRY DOCK.—Equip boiler with an approved low water alarm.

St. Clair.

ST. CLAIR IRON WORKS.—Within ten days guard all exposed gears, also emery wheels.

Yale.

YALE MACHINE WORKS.—Within ten days guard emery wheel and all exposed gearing.

MIDDLETON & DOELLE.—Within ten days place an approved low water alarm on boiler in elevator.

ST. JOSEPH COUNTY.

Colon.

UNITED ELECTRIC CO.—Within ten days repair low water alarm and guard fly wheel of engine.

THE LAMB-KNIT GOODS CO.—Within ten days repair low water alarm on boiler; cover set screws on main and counter shafting.

Constantine.

CONSTANTINE HYDRAULIC CO.—Within ten days guard set screws on main drive shaft and on governor pulleys; within sixty days reconstruct and rearrange switch gear on switch board so as to remove high tension apparatus from possible contact in making replacement and adjustments; provide rubber mat in front of switch board.

CONSTANTINE NOVELTY CO.—Within ten days guard drive pulley; cover all set screws on counter shafting.

CONSTANTINE BOARD & PAPER CO.—Within ten days guard bevel driving gears on paper machine; guard set screws on main and counter shafting; cover gears on drill press.

Sturgis.

CHAS. A. MILLER CO.—Within twenty days provide automatic gates for elevator.

A. A. MAST.—Within thirty days provide and install low water alarm on boiler.

GREEN MEADOW DAIRY CO.—Within ten days repair low water alarm on boiler; cover set screws on main and counter shafting; guard gears on starter can and on churn.

JOHN SHAFER.—Within twenty days guard shaper, band saw and planer; cover all set screws on main and counter shafting.

LOETZ & GILHAMS.—At once secure permit for boy under sixteen years of age.

A. L. HIBBARD. Within thirty days provide automatic gates for elevator.

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THE STURGIS TIMES-DEMOCRAT.—Within ten days cover set screws on main and counter shafts.

STURGIS LUMBER CO.—Within ten days guard buss planer, shaper and rip saw and maintain same.

Three Rivers.

CITY LAUNDRY.—Within thirty days put hand rail on stairs; put low water alarm on boiler.

SHEFFIELD CAR CO.—Within fifteen days put machine shop toilet in proper sanitary condition; connect emery wheel in brass foundry with blower system; within thirty days provide in General Machine Shop gear guards on Baker drill presses Nos. 60, 67, 79 and 427; protect bevels on side of column—No 95 gear cutter; guard exposed cutter drive gear, side pipe rails, front chains crane approaches, Long-Alstatter No. 2 shear; guard two sets of back gears and exposed fly wheel; Power House—belt guards on dynamos Nos. 704 and 705; Smith Shop—guard fly wheels on west and center upsetters; Wood Shop—guard wood planer; screen main drive belt on east side; guard band saws to prevent saws from flying in case of breakage.

MAJOR-GLADY CO. Within thirty days provide low water alarm for boiler; guard set screws on main and counter shafts; guard band saw, buss planer, grooving head on cut off saw and shaper.

THREE RIVERS ROBE TANNERY.—Within ten days provide hand rail for front stairs.

EDDY PAPER CO.—Within fifteen days provide guards for driving paper machine.

ARMSTRONG MACHINE WORKS.—Within thirty days guard gears on both drill presses and cover set screw on main shaft.

THREE RIVERS PUBLISHING CO.—Within twenty days guard large gears on side of large press.

THE NATIONAL FUR & TANNING CO.—Within thirty days equip elevator with automatic gates.

SANILAC COUNTY.

Brown City.

BROWN CITY BANNER.—Within ten days guard set screws on all shafting.

Carsonville.

CARSONVILLE CREAMERY.—At once place low water alarm on boiler.

Croswell.

BAER BROTHERS.—Within ten days guard emery wheel and remove set screw on drill.

Marlette.

THE BAKER AUTO GARAGE.—Within ten days place guard on emery wheel, also guard cogs on all machinery.

McGregor.

NORMAN FREEL.—Before using place guards on both saws in your shop.

Sandusky.

HUB GRAIN CO. At once remove set screw on shaft.

WM. ALEXANDER.—Within ten days guard emery wheel, also place guard over cogs on drill.

SCHOOLCRAFT COUNTY.

Manistique.

CONSOLIDATED LUMBER CO.—At once guard all drive belts on ground floor.

MANISTIQUE LIGHT & POWER CO.—At once guard all drive belts.

LAKE SUPERIOR IRON & CHEMICAL CO.—At once repair low water alarms on boilers Nos. 1 and 5; repair valve on blow-off pipe on boiler No. 1; install hand rail on stairs in chemical department.

WHITE MARBLE LIME CO.—At once repair low water alarm on boiler No. 1; repair valve on blow-off pipe on boiler No. 1.

MCPHAIL & DUMOND.—Equip stair with hand rail.

JOS. V. BONCHER.—At once guard band saw.

JOSEPH SCOTT.—At once place factory in a sanitary condition; remove all refuse about wood working machines; guard all exposed set screws.

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SHIAWASSEE COUNTY.

Byron.

THE BYRON CHEESE FACTORY.—At once repair low water alarm.

Laingsburg.

LAINGSBURG ELEVATOR CO.—At once place a ventilator in bean room of eight inch galvanized pipe running up through the roof about four feet, with an elbow weather vane to carry off the impure air.

Owosso.

CONSUMERS POWER CO.—Within thirty days equip office with complete sanitary toilet for female help only, as the law requires separate toilets where both sexes are employed, also place old toilet room in a sanitary condition.

AUGUST STEPHAN.—At once remove table and all obstruction away from window leading to fire escape; place men's toilet in a sanitary condition.

OWOSSO CASKET CO.—Within thirty days place ventilators in all toilets with six inch galvanized pipe running up through the roof with ventilator on top of same, also two galvanized eight inch pipes with weather vanes from the varnish room; place skylight on south building and in the upper room of same; also place fire escapes with balconies on the south wing and on the south side of said Casket Factory, commencing on the fifth story and taking in the two center windows, thence downward to each story with balcony to the second story, thence with automatic drop to the ground.

WOODWARD FURNITURE CO.—Within thirty days place hand railings on all stairways leading to all rooms throughout both factories.

HUGUES & SON.—At once place an eight inch pipe up through the roof with weather ventilator upon top of same to carry off the steam and fumes from the room.

TUSCOLA COUNTY.

Caro.

MALSBURY & WORTHINGTON.—Within ten days place guards on cogs and lathe.

Cass City.

THUMB CREAMERY. Within ten days place a low water alarm on boiler.

Deford.

GEORGE ROBERTS.—Within ten days place guard over cogs on all machinery, also guard emery wheel.

Fairgrove.

BLISS GARAGE.—Within thirty days place guards on cogs on drill and lathe.

Mayville.

W. J. JOHNSON.—Within thirty days see that emery wheel is guarded.

VAN BUREN COUNTY.

Glendale.

GLENDALE CREAMERY CO.—Within thirty days install a low water alarm on steam boiler.

Lawrence.

WALLACE & LOCKWOOD.—Within thirty days install low water alarms on two steam boilers.

Paw Paw.

KALAMAZOO, LAKE SHORE & CHICAGO R. R. CO.—Within ninety days install a low water alarm on boiler in Round House.

South Haven.

SOUTH HAVEN LAUNDRY CO.—Within thirty days install a low water alarm on steam boiler.

J. C. RANDALL & SON.—Within thirty days repair low water alarm.

WASHTENAW COUNTY.

Ann Arbor.

ANN ARBOR STEAM DYE WORKS.—Within thirty days install low water alarm on boiler.

ATHENS PRESS.—Within sixty days provide suitable protection for belt for press drives.

BUCKHORN GARMENT CO.—Within ninety days provide suitable protection for elevator entrance.

BUSY BEE.—Within one day place water closet in proper sanitary condition.

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COME-PACKT FURNITURE CO.—Within thirty days box all belts running through floors; provide suitable protection for all band saws, top and bottom wheels.

GOLDMAN BROS.—Within five days provide approved low water alarm on boiler.

GEO. W. KYER.—Place toilet in proper sanitary condition and provide lock and key for same.

MICHIGAN STATE TELEPHONE CO.—Within sixty days provide fire escape and erect same on building.

ROWE'S LAUNDRY.—Within five days install low water alarm on boiler.

CHAS. A. SAUER & CO.—Within thirty days guard elevator pit; guard saws; box all exposed belts running through floors; equip boiler with approved low water alarm.

SUPERIOR MFG. CO.—Within thirty days connect all dust creating machines with blower system; have main trunk of blower system equal in diameter to the combined diameters of all feed pipes; create sufficient suction to raise a column of water five inches in an U-shaped tube.

Chelsea.

CHELSEA LIGHT & WATER WORKS.—Within fifteen days put guard around motor drive belt.

BACON & HOLMES CO.—Within thirty days box all belts that are exposed and running through floors in rolling mill; put rail guard on main drive belt in basement; remove all revolving square head set screws and substitute hollow screws.

A. G. FAIST.—Within sixty days guard band saw, belts on planer, jointer and elevator openings and pit.

Ypsilanti.

CLARKS BAKERY.—Within ten days guard wheel and belt on ice crusher.

THE LEWIS-GEER MFG. CO.—Within sixty days put guard on feed roller of sander and guard sticker.

OAK KNITTING CO. Within sixty days put guard around belt on air compressor and put skirt guards on sewing machines.

PENINSULAR PAPER CO.—Within sixty days guard gears on west side of paper winders; put guard or hand rail along gear side of paper machines; at once release shaft guards on elevator in stock department; guard elevator pits; protect saw in crate room.

SCHARF TAG, LABEL & BOX CO.—Within thirty days guard gears on slitters and rewinders; guard all exposed bevel gears; within fifteen days repair elevator so that drum and other equipment at top of elevator shaft is at least three feet above the top of carriage when the floor of said carriage is on level with top floor of building; replace or repair loose pulley on elevator; comply with above order or cease use of elevator.

WHITE LAUNDRY CO. Within thirty days guard gears on ironing machine, box belts running through floors; put cover on wringer.

YPSILANTI INDIAN SHOE CO.—Within sixty days equip sewing machine shaft with skirt guards.

YPSILANTI MILLING CO.—Within thirty days box all exposed belts running through floors; remove all exposed set screws and substitute hollow screws; equip boiler with approved low water alarm.

WAYNE COUNTY.

Dearborn.

S. D. LAPHAM & CO., INC.—Within five days guard belt and pulley on motor, also lower wheel and front of band saw.

HUBON MOTOR CAR CO. Within five days provide proper wrought iron guards for all emery wheels.

EMIL ARNDT.—Within five days guard belt and pulley on motor.

Detroit.

ABBEY-BARNUM-CARTWRIGHT CO.—Within five days guard all exposed gears on crimp machine.

ACKERMAN & MCNAMARA.—Within five days guard belt and pulley on hair picking machine.

ACME ELECTRIC HEATER CO.—Within ten days guard all exposed gears and upper and lower wheels on band saw.

THE ALLYNE BRASS FOUNDRY CO.—Within ten days remove all exposed set screws from shafting, also guard set screws on Reamer machine; repair blower system in buffing room so it will draw a column of water five inches high in a U-shaped

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tube; within fifteen days provide a blower system in grinding room to be built according to state specifications.

THE ALUMINUM CASTINGS CO.—At once place closet in trimming room in a sanitary condition; equip pits at furnaces with grating as provided in Section 26 of Act No. 285 of the Public Acts of 1911.

THE AMERICAN AGRICULTURAL CHEMICAL CO.—Within thirty days guard bevel gear on drill press in machine shop; place iron guard rails around fly wheels of two gas pumps and guard gears on governors; guard bevel gear on governor of engine in engine room, and guard belt and pulley on motor operating acid pump.

AMERICAN AIR COMPRESSOR CO.—Within five days guard all emery wheels not already guarded; remove all exposed set screws.

AMERICAN AUTO TRIMMING CO.—Within six days provide hand rail for stairway in center of building leading to third floor.

AMERICAN AUTO TRIMMING CO.—Within four days guard gear on bow dressing machine on top floor.

AMERICAN BLOWER CO.—At once remove exposed set screws on planer in pattern room.

AMERICAN BRASS & IRON CO.—At once remove exposed set screws; keep register of children between the ages of fourteen and sixteen years.

AMERICAN BRIDGE CO.—Within fifteen days replace all square head revolving set screws on shafting and drill press machines with headless set screws; place guard rails around fly wheels on rivet machine.

AMERICAN CALK CO.—Within six days guard wheels of band saw and exposed set screws on foot pointer.

AMERICAN CAR & FOUNDRY CO.—FORGE DEPARTMENT.—Within fifteen days guard all bevel gears on drill presses, exposed set screws on shafting, belt and pulley operating fan, gears and crank shaft on steam shear machines, fly wheel and belt on scrap mill fan engine, fly wheel on small engine, crank shaft and fly wheel on brick crusher engine, fly wheel and gears on 12 inch mill engine and all rolls and pinion couplings.

AMERICAN CAR & FOUNDRY CO.—Place hand rail on stairs from engine room to boiler room.

AMERICAN CARRIAGE & WAGON WORKS.—Within ten days provide proper wrought iron guards for all emery wheels; guard upper wheel of band saw, and put elevator gate in good working order; provide spreader and guard for rip saw.

AMERICAN LADY CORSET CO. INC.—Within five days guard both wheels on band saw, fifth floor; provide skirt guards under sewing machines, third floor.

AMERICAN RADIATOR CO.—At once guard gears on spindle machines 146 and 50.

ANDERSON FORGE & MACHINE CO.—Within ten days guard or remove all exposed set screws on press, lathe, trip hammer and tumble barrel; guard all exposed keys.

ARMATURE & MOTOR WORKS.—Within five days guard both wheels on band saw, also belt and pulley on motor.

THE ARMSTRONG CO.—Within five days properly guard exposed gears on mixer machine.

ARTCRAFT LITHOGRAPHING CO.—Within five days guard belt and pulley on cutter machine, second floor.

ATLAS FOUNDRY CO.—Within five days guard belts and pulleys on tumbler machines, also belt and pulley on sand mixer; repair gate on elevator.

THE AUTO CITY BOW CO.—Within ten days provide proper wrought iron guards on emery wheels, also guard band saw.

AUTO CRANK SHAFT CO.—Within six days remove all set screws; guard emery wheel and repair counter shaft on lathe No. 25.

AUTOPARTS MFG. CO.—Place guard rail on engine, and remove exposed set screws on Heald machine.

A. BACKUS JR. & SONS.—Within five days provide proper wrought iron guards for all emery wheels; guard set screws on shafting and all dangerous machinery.

THE BATCHELDER-WASMUND CO.—Within ten days provide proper wrought iron guards for all emery wheels; guard all exposed gears, also guard drive wheels and shafts operating gang saws.

BEAUBIEN ICE & COAL CO.—Within five days guard belt and pulley on band saw in repair shop.

THE BECK CEREAL CO.—Within five days guard bevel gear on shaft and all ex-

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posed set screws, also belt and pulley operating Humpfrey elevator on top floor, and fly wheel and belt and pulley on groat separator machines.

BEHR BROS.—At once place hand rail on stairs to wool room and guard opening in same; put rail on pulley vat.

BELLE ISLE CREAMERY.—Within five days provide rail guard for fly wheel of ice machine.

J. E. BOLLES.—Within thirty days erect fire escape on the rear of building to take in two windows on each floor above the first toward Fourth Street, balconies to be four feet wide to be built according to state specifications; cut down one window even with the floor on third floor and place in door to open out on balcony of fire escape.

J. E. BOLLES IRON & WIRE WORKS.—Within five days properly guard all emery wheels not already guarded; cover gears on sheet cutter and set screws on shaftings; place iron guard rail around fly wheel on air compressor.

BOOTH FISHERIES CO.—Within five days place all automatic doors at elevator openings in proper working order, and provide an automatic gate at elevator opening in pump room.

BOSSERDET BROS.—Within ten days guard gears on lathe; guard or remove all exposed set screws; guard upper and lower wheels on band saw.

BRADY-NAGEL MFG. CO.—Within ten days guard or remove all exposed set screws.

HENRY BRANDAU.—Within five days guard lower wheel of band saw and provide proper guard for emery wheels.

JOHN BRENNAN & CO.—Within ten days guard all exposed gearing on punch and drill presses; properly guard one emery wheel, remove all square head revolving set screws and replace same with headless set screws; repair water column on No. 2 boiler.

BRIGGS TRANSFER CO.—Within five days provide automatic gate for freight elevator opening, first floor.

EDWARD G. BUDD MFG. CO.—At once clear passageway to fire escape on top floor; guard gear on tufting machine and emery wheel; at once repair hanger on polishing lathe and make same safe; within thirty days install blower system on polishing and grinding lathes to comply with sections 27, 28, 29 and 30 of Act 285 of the Public Acts governing fans and blowers; provide hand rail for stairs to second floor.

J. H. BUEKERS MFG. CO.—At once box in belt on sander machine, top floor; place guards on emery wheels on first floor.

THE W. J. BURTON CO.—Within thirty days erect fire escape on the rear of building to take in double doors on each floor above the first, balconies to be four feet wide to be built according to state specifications delivered; within five days guard all emery wheels, gears on power brake press and both wheels on band saw.

BUXTON MACHINE WORKS.—Within ten days properly guard all open gearing on lathe machine, also one emery wheel.

CADILLAC CASKET CO.—Within five days provide guard for circular saw.

CADILLAC CIGAR BOX CO.—Within six days place hand rail on stairs to second floor; remove exposed set screws on press; keep register of children in your employ between the ages of fourteen and sixteen years.

CADILLAC MOTOR CAR CO., PLANT NO. 3.—Within ten days cover exposed set screw on shaft, third floor; guard emery wheels and box in belt running through second floor; guard all upper wheels of band saw in factory and remove all obstructions in front of windows leading to fire escapes.

CAILLE BROS. CO.—Within ten days repair holes in blower pipe; cover gears on lathe in check department; within thirty days install a ventilator system in plating room in basement to carry off noxious fumes and gases; also keep floors cleaned up at least twice a week and put same in proper condition.

CAPITOL BRASS WORKS.—Within five days place apron guard on sand mixer; remove set screws on water and air pumps, box in belt on fan, and gears on cock machine and drill press; cover upper wheel on band saw, and place foot guard on freight elevator; keep register of employes between fourteen and sixteen years of age.

CHARLES C. CARTER.—Within six days place water closet in sanitary condition; provide accommodations for female help; at once repair outside stairs to second floor.

CENTRAL BOILER WORKS.—Within three days guard fly wheel on punch press and all exposed gears.

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CENTRAL CARRIAGE & WAGON WORKS.—At once remove all exposed set screws; provide proper guards for jointer and emery wheels.

CENTRAL DISTRIBUTING CO.—At once provide guard for pipe cutting the threading machines.

CENTRAL FOUNDRY SPECIALTY CO.—At once place hand rail on stairs to second floor.

CENTRAL MFG. SUPPLY CO.—At once repair low water alarm.

CHALMERS MOTOR CAR CO.—Within ten days guard all exposed set screws and gear on drill press.

CHAMPION SHOE REPAIR SHOP.—Within ten days guard or remove all exposed set screws; box in belt on motor.

HARRY CHANDLER.—Within ten days properly enclose sides of elevator shaft and provide proper automatic gates at all elevator openings; change stair steps now leading to elevator shaft on first floor to blacksmith shop in building Nos. 112 and 114 State Street, occupied by John Blenkle & Company and owned by you.

F. A. CHAPPER IRON & WIRE WORKS.—Within ten days guard all exposed set screws.

L. H. CHEESEMAN & CO.—Within five days guard bevel gear on paint mill machine and belt on motor.

CHICAGO RAILWAY EQUIPMENT CO.—Within ten days provide proper wrought iron guards over emery wheels; guard exposed gearing on punch and drill presses.

CHAS. E. CHOPE & CO.—Within five days guard gear on drill press and remove set screw on pulley.

CITY LUMBER CO.—Within ten days guard or remove all exposed set screws; provide proper guard for emery wheel; guard all belts and pulleys on second floor.

JAMES CLARK & CO.—Within five days guard both wheels on band saw.

ENOS CLAYTON.—Within six days provide a proper guard for rip saw in wagon shop.

CLAYTON & LAMBERT MFG. CO.—At once repair guard and remove exposed set screws on band saw; guard gear on water mill machines.

ARTHUR COLTON CO.—Within ten days guard or remove all exposed set screws.

COLUMBIA CASTINGS CO.—Within fifteen days install a blower system to be built according to Section 29 of the Public Acts of 1911; within five days guard belt and pulley on electric motor, also belt and pulley on blower machine.

COLUMBIAN MFG. CO.—Within five days guard belt and pulley operating rip saw, and provide guards for all saws in factory.

COLUMBIA PRESS.—Within five days guard belt on paper cutter.

COLWELL LEAD CO.—At once repair lift door on dry kiln, automatic gate on freight elevator and provide foot guard for same; guard gear on tapping machine No. 331, also top wheels on band saws in brass and pattern room; cover gear on planer No. 152, power feed, rip, and cut off saws, also belt on sander machine No. 499; guard all emery wheels and Baker tapping machine; remove set screws on jig saw and shield driving belt in machine shop.

COMMERCE ELECTRIC MOTOR CO.—Within five days guard all exposed set screws on shafting and gears on lathe in shop.

COMMERCIAL ELECTRIC SUPPLY CO.—Within five days guard all exposed gears on lathes and drill press in shop.

THE COMMERCIAL PRINTING CO.—Within five days guard fly wheel on Gordon Press No. 51,289 in shop.

CONCRETE FORM & ENGINE CO.—Within ten days guard or remove all exposed set screws; guard gear on lathe and key on pulley of running out stand.

CONTINENTAL MOTOR CO.—Within ten days guard all exposed set screws; guard upper and lower wheel on band saw.

COOPER IMPROVED RELIEF VALVE CO.—Within five days remove all set screws from shafting.

CRITTAL CASEMENT CO.—At once guard emery wheels and belt and pulley on dynamo.

CROSS GEAR & ENGINE CO.—Within six days guard gears on lathe and all exposed set screws.

CROWN HAT MFG. CO.—Within ten days provide proper wrought iron guards for all emery wheels, also safety cover for extractor, and automatic door for elevator opening leading into alley.

CUDAHY BROS. CO.—At once place hand rail on stairs to basement.

CULVER-TAYLOR CHAIN WORKS.—At once place proper guards on emery wheels on top floor.

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CURTIS ADVERTISING CO.—Within six days guard all fly wheels on cylinder presses and belt and pulley on Dexter feeder.

J. CUTTER.—Within ten days guard upper and lower wheels on band saw; guard or remove all exposed set screws.

DAFOE-EUSTICE CO.—At once provide skirt guards for shafting under sewing machines, and remove all obstructions on fourth and fifth floors leading to fire escape.

DAILY ABEND POST.—Within thirty days install exhaust fan in basement to carry off fumes from metal pot and create better circulation.

C. K. DAVIS MFG. CO.—Within five days guard gears on shear machine; remove set screws from shafting.

DECROUPET IRON WORKS.—Within ten days guard gear on drill press, all exposed set screws and emery wheel.

DEINZER MFG. CO.—Within five days guard shoot on third floor, section 1; box in gear on stretcher machine; remove set screws and put spreader on rip saw in section 2; guard gear on hair picker, second floor, and put hand rail on stairs to basement.

DEPARTMENT OF PUBLIC WORKS.—ASPHALT PLANT.—Within five days guard all exposed gears, also belt and pulley operating fan.

A. J. DETLAFF.—At once guard belts and pulleys on broaching machine and key cutter.

DETROIT AUTO DASH CO.—Within ten days box in sides of elevator shaft; guard emery wheels; remove exposed set screws; guard all pulleys and belts, first floor.

DETROIT AUTO GARAGE.—Within two days provide a proper wrought iron guard for emery wheel.

DETROIT BAKING CO.—Within five days guard exposed set screws on shafting and gears on dough mixer; box in all belts running through second floor.

THE DETROIT BARREL CO. INC.—Within ten days provide proper wrought iron guard over emery wheel, also guard belt and pulley on motor in engine room.

DETROIT BATH TUB & BRASS CO.—Within twenty days guard rip saw and gears on sticker machine, and cover exposed set screws on line shaft in wood shop department; box in belting on pulleys on all drills in machine shop; place strong iron guard around all emery wheels in machine shop No. 2 and tool room; guard gears on lathe in pattern shop, polishing room; repair gutter from roof; within ten days install two toilets and a urinal in moulding department, also one more toilet and a urinal in machine shop.

DETROIT BOW CO.—Within ten days guard or remove all exposed set screws; provide guard for rip saw, upper and lower wheels on band saw and emery wheel.

DETROIT BUTCHER SUPPLY CO.—At once provide proper guards for emery wheels.

DETROIT CABINET CO.—At once place closets in a sanitary condition and give more ventilation to same; guard pulleys and belts on planers Nos. 1 and 2, and jointer on first floor; rail in dynamo and belt in basement.

DETROIT CAN CO.—At once remove exposed set screws; keep register of employes between the ages of fourteen and sixteen years.

DETROIT CANDY CO.—Within five days guard all exposed set screws.

DETROIT CASKET CO.—Within six days guard emery wheel and all large belts overhead; also keep all dangerous machinery properly guarded; provide a register in which will be recorded the name, birthplace, age and place of residence of every person employed between the ages of fourteen and sixteen years.

DETROIT CHAIR MFG. CO.—Within ten days guard or remove all exposed set screws; guard upper wheel on band saw.

DETROIT CHEMICAL WORKS.—Within five days repair water alarm on boiler No. 5.

DETROIT CITY GAS CO.—At once repair water column on No. 2 boiler.

DETROIT COPPER & BRASS ROLLING MILLS.—Within five days guard large drive belt overhead in brass mill department; remove all exposed set screws from shafting.

DETROIT CORRUGATED BOARD & BOX CO.—Within ten days provide hand rail for stairs from second to first floor.

DETROIT CREAMERY CO.—Within five days guard chain on gear crusher and set screw on pulley.

DETROIT CREAMERY CO.—Within thirty days provide safety guard rail on belt and pulley on compressor machine and motor and belt in wash room; also guard rail on fly wheel in engine room.

DETROIT CUT STONE CO.—Within ten days guard belts and pulleys on planer and motor.

DETROIT EGG BISCUIT & SPECIALTY CO.—At once remove exposed set screws; keep register of children between the ages of fourteen and sixteen years.

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DETROIT ELECTROTYPE CO.—Within three days guard belt and pulley on shaving machine.

DETROIT ENGINE WORKS.—Within ten days guard or remove all exposed set screws; guard gears on lathes.

DETROIT FELT SLIPPER MFG CO.—Within six days guard pulley on leveler machine; place hand rail on stairs to second floor; at once place factory in a proper sanitary condition and keep it so; also remove all obstructions from stairway, second to first floor, 237 Gratiot Ave.

DETROIT FIREPROOFING TILE CO.—Within five days properly guard band saw, and replace all square head revolving set screws with headless set screws.

DETROIT FORGING CO.—Within six days guard emery wheels in building 2; guard saw in building 7, third floor; place hand rail on stairs in building 8; enclose all dynamos and drive belts in buildings 4, 5 and 8; place toe guard on elevators.

DETROIT FOUNDRY CO. At once place guard on band saw in pattern room, and guard gear on tumbler in milling room; keep register of children employed between the ages of 14 and 16 years.

DETROIT FOUNDRY CO. NO. 2.—At once place closets in a sanitary condition; remove exposed set screws from winch in cupola room.

DETROIT FOUNDRY & MFG. CO.—Within six days provide proper guards for emery wheels; place a guard rail on elevator pit, and provide proper suction for carrying off fumes from furnaces.

THE DETROIT FREE PRESS.—Within ten days guard belts and pulleys on motors, bevel gears on puddler, and gears on mold press, also small emery wheel on tenth floor.

THE DETROIT FREE PRESS PRINTING CO.—Within five days cover all exposed set screws, also gears; guard belt and pulley on motor, fourth floor, and all fly wheels on presses; place elevator gates in good condition.

DETROIT FURNITURE MFG. CO.—Within ten days guard upper wheels on band saws.

DETROIT GEAR & MACHINE CO.—Within five days guard all exposed set screws on shafting.

DETROIT GRAPHITE CO. Within five days guard bevel gears on paint mixing machines.

DETROIT HEATING & LIGHTING CO.—At once place water closet on second floor in a sanitary condition; provide better suction for fan in polishing room.

DETROIT INSULATED WIRE CO.—At once repair and put in safe condition water column on steam boiler.

THE DETROIT JOURNAL CO.—Within five days guard all exposed gears on moulding machines.

DETROIT LAUNDRY MACH. & SUPPLY CO.—Within five days provide proper wrought iron guard for emery wheel.

DETROIT LEATHER SPECIALTY CO. INC.—Within ten days properly guard emery wheels; provide substantial hand rail on stairway.

DETROIT LUMBER CO.—At once place closets in a sanitary condition; guard band saw on top floor; box in planer and chain mortiser; box in planer belt on first and third floors and guard table saw on first floor.

DETROIT MACARONI CO.—At once guard gears on roller machine and remove all exposed set screws.

DETROIT MARVEL BRASS MFG. CO.—At once clear passage between furnace and foundry; put grating in front of furnace, and guard on emery wheels; keep register of children between 14 and 16 years of age.

DETROIT MFG. CO.—Within five days guard exposed gears on drill press, also guard emery wheels.

DETROIT MOTOR & MACHINE CO.—Within ten days guard all exposed set screws and gears on machines Nos. 6, 5, and 34; provide proper guard for emery wheel.

DETROIT PISTON RING CO.—At once place water closet in a sanitary condition.

DETROIT PUBLIC WORKS (Building No. 3).—Within five days guard belt on motor.

DETROIT RACK CO.—At once have automatic gate on elevator repaired so it will work properly.

DETROIT RANGE BOILER CO.—Within fifteen days properly guard gearing on drill presses, and hoop machine, belts and pulleys and fly wheels on engine and air compressor, also blower; provide proper wrought iron guards for all emery wheels not already guarded.

DETROIT RIVER IRON WORKS.—At once guard jointer in pattern room.

DETROIT SATURDAY NIGHT.—Within five days guard belt and pulley on motor in bindery room.

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DETROIT SEAMLESS STEEL TUBES CO.—Within five days provide proper guards for emery wheels in machine shop; guard all exposed set screws on shafting and also guard back of crank shaft on engine.

DETROIT SHIPBUILDING CO.—Within ten days cover gear on winch in yard; provide guard for rip saw in joiner shop; guard all set screws on main shaft in pattern room.

DETROIT SOCKET CO.—Within five days provide proper guards for all emery wheels and guard exposed gears on tube machines.

DETROIT STANDARD GEAR CO.—Within six days guard gears on drill presses, top floor; provide rail on doorway, second floor; remove exposed set screws, and guard gear on lathe, first floor.

THE DETROIT STEEL CASTING CO.—Within fifteen days equip charging car with fender at each end; guard all belts and pulleys on motors running near floor, also belts and pulleys on tumbler machines; provide proper guard on band saws.

DETROIT STEERING WHEEL & WIND-SHIELD CO.—At once provide proper guards for emery wheels, and place guard rail on rear doorway.

DETROIT STOVE WORKS.—Within ten days guard upper wheel on band saw; provide proper guard for rip saw; guard all belts and pulleys near floor in drill room; repair skylight in foundry; at once repair door on blower separator to exclude escaping dust and increase speed on motor fan.

DETROIT SULPHITE PULP & PAPER CO.—Within ten days guard entrance to elevator in basement; guard gears on stock pulp in mixing room; place wire screen opposite each knife on Brennan duplex folder and Dillon cutter (west side) combination machine.

DETROIT TIRE & REPAIR WORKS.—At once repair low water alarm.

DETROIT TUBE PRODUCTS CO.—Within ten days properly guard two band saws, also belt and pulley on swedging machine; provide proper wrought iron guards on emery wheels; box in belt running through floor.

DETROIT TWIST DRILL CO.—Within ten days cover all exposed set screws on shafting; guard large belts overhead and in basement; change one window on each floor leading to fire escape to swing outward; provide proper wrought iron guards for emery wheels.

DETROIT UNITED RAILWAY.—Within ten days properly guard fly wheels on air pump, also two large pulleys on drive shaft in pump house.

DETROIT UNITED RAILWAY.—Guard all set screws; guard gear on pond machine.

DETROIT UNITED RAILWAY.—Within ten days provide substantial hand rail on stairway on Car House.

THE DETROIT VAPOR STOVE CO.—Within ten days guard gear on pipe threading machine; guard all set screws and emery wheel.

DETROIT WHITE LEAD WORKS.—At once guard gears on mills 1, 2, 3, 4, and 5 in lead department, also gears on mixer and crimping machine; repair clutch on main shaft, and remove all exposed set screws.

DETROIT WINDSHIELD CO.—At once provide proper guards for all emery wheels; place guard rail on rear doorway.

DETROIT WIRE SPRING CO.—At once put closets in sanitary condition; guard rail on Japan oven and remove set screws on coiler machine.

DIAMOND LAUNDRY.—Within five days provide hand guard for mangle machine and guard open gears on same; box in all belts running through floors; within fifteen days install a suction fan above steam boiler to carry away heat and steam to outside of building; within five days properly guard rolls on back of mangle machine.

THE DIAMOND MFG. CO.—Within five days properly guard four emery wheels, two band saws, fly wheel on shear machine in forge department, large belts and pulleys in tube and press departments and all open gears; replace exposed set screws with headless set screws.

THE DIAMOND STORE FIXTURE CO.—Within six days guard all exposed set screws, upper and lower wheels of band saw and belt and pulley on same.

WM. DIEHL SONS.—At once remove all exposed set screws; box in belt on dynamo on floor in sticker room.

DODGE BROS.—Within five days guard or remove all exposed set screws.

DURAND & CO.—Within five days provide covers for extractors.

D. G. H. & M. FREIGHT DEPOT.—Within thirty days provide a separate water closet, wash and dressing rooms for use by females employed by D. G. H. & M. Railroad Company, Corner Beaubien and Franklin Sts.

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East Jefferson Press.—Within five days guard or remove exposed set screws on presses.

F. B. Eby Handle Co.—Within ten days guard main belt and provide proper guard for rip saw.

Eby Mfg. Co.—Within seven days repair low water alarm; place hand rail on stairs; repair bridge between shops; keep register of children between the ages of fourteen and sixteen years.

Eclipse Wire Novelty Co.—Within five days provide a proper wrought iron guard for emery wheel.

The Edison Illuminating Co.—Within ten days guard exposed gears on pipe cutting and threading machines, also bolt cutting and threading machines.

The Edison Illuminating Co.—Within ten days guard belts and pulleys on motors running near floor.

H. Elson.—Within five days guard gear on dough mixer.

J. A. Englander & Son.—Within five days provide stair steps leading to windows of fire escapes in factory.

Essex Brass Co.—Guard all emery wheels on top floor; place guard rail on air pump; guard gear on water mill.

The Evening News Ass'n.—Within ten days guard exposed gears on moulding machine, also drive wheel belt and pulley on paper cutting machine.

Faltis Market Co.—Within ten days guard crank shaft and drive wheel on ice machine; place guard rail in front of engine from switch board to brick wall in basement.

Fairview Foundry Co.—Within five days guard or remove all exposed set screws.

Fairview Coal & Supply Co.—At once repair low water alarm.

Federal Motor Truck Co.—Within fifteen days provide proper wrought iron guards for emery wheels, also guard belt and pulley on drill press and air compressor.

A. Fisher.—Within five days guard upper wheel of band saw and guard circular saw in factory.

Fisher Closed Body Co.—Within fifteen days guard upper and lower wheels on band saws in plant No. 2, also guard power sewing machines; place guard rail on air compressors in hammer shop, also pump and machine No. 57951 in department No. 11; guard all exposed set screws in plant No. 1.

Thomas Forman Co.—Within ten days properly guard one emery wheel and lathe; provide hand rail along passageway overhead in factory.

A. P. Frank.—Within ten days guard upper and lower wheels on band saw; provide proper guard for rip saw.

Frazer Paint Co.—At once guard all exposed gears and set screws; repair automatic gates on elevator.

Freidinger Forge & Wagon Works.—Within ten days guard upper and lower wheels on band saw and keep guard on jointer.

F-C-D Inner-Tube Protector Co.—Within five days provide a proper wrought iron guard for emery wheel, and guard belt and pulley operating air compressor.

Gabriel Reinforcement Co.—Within five days guard or remove all exposed set screws; guard all exposed gears.

General Ice Delivery Co.—Within six days guard gear on drill press, and replace all exposed set screws with safety ones; provide planer with hood which will carry off shavings and also prevent accidents by operator reaching over knife while planer is in motion.

A. J. Gillighan.—Within five days repair and put drop stairs on fire escape in good condition; enclose sides and back of freight elevator platform three feet high.

Globe Foundry Co.—Within thirty days provide water closet and wash room for employes; keep on hand a supply of bandages and ointments for use in case of accidents; remove exposed set screws and guard belt on dynamo.

A. Goldman & Co.—Within ten days provide proper wrought iron guards for all emery wheels.

Goodnow & Blake Mfg. Co.—Within six days guard emery wheels, belt and pulley on punch press, also exposed gears on press machine in east wing of shop; remove all exposed set screws.

Greater Detroit Machine & Tool Co.—At once guard emery wheels; provide hand rail for stairs.

Great Lakes Engineering Works.—Within ten days guard gears on lathe No. 34, bevel gears on drill presses, exposed set screws on shaft over machine No. 167; provide guard for rip saw.

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GRACE HARBOR LUMBER CO.—Within ten days guard all emery wheels, and place water closet in a proper sanitary condition.

GRAND TRUNK TERMINAL OFFICE.—At once do not permit messenger or call boys in your employ under eighteen years of age to work after 5:30 p. m.

GREGORY MAYER & THOM CO.—Within five days guard belt and pulley on cylinder press also folder machine; do not permit females under the age of twenty-one years to work at hazardous employment; at once remove all obstruction from fire exits; within fifteen days provide two toilets for females in your employ on fourth floor.

GRIFFIN WHEEL CO.—Within fifteen days properly guard belts and pulleys on emery wheel, rip saw and planer machines; enclose open fly wheel on press machine.

GRIGG-HANNA CO.—Within ten days properly guard band saw, also belts and pulley on lock corner machine; keep a register in which will be recorded the name, age, birthplace and place of residence of every person employed under the age of sixteen years.

GRINNELL BROS.—Within ten days provide proper wrought iron guards for all emery wheels, and guard upper wheel of band saw.

GRISWOLD MOTOR & BODY CO.—Within ten days guard upper wheel on band saw.

GROSSMAN & HARRIS.—At once clear passageway to fire escape and repair same.

JOS. GRUSS.—Within ten days guard upper and lower wheels of band saw; remove all exposed set screws.

HERMAN GUTOW.—At once place guard rail on rear doorway, second floor; box in drive belt on second floor; provide proper guard for jointer.

HALLIDAY & DIETZEL.—Within five days provide a proper wrought iron guard for emery wheel.

C. M. HALL LAMP CO.—At once repair low water alarm; box in belt on dynamo in polishing room; guard bear on beading machine.

THEO. HALSIG & SON.—Within five days guard all exposed set screws, upper and lower wheel on band saw and belt on band saw.

HAMMOND STANDISH & CO.—Within ten days provide proper guards on emery wheels in machine shop equip extractor in laundry with cover; guard gearing on skinner machine.

HARCUS & CO.—Within five days guard upper wheel on band saw; at once order all guards kept on machines.

HARGREAVES MFG. CO.—Within ten days guard all exposed gears; provide proper wrought iron guards for all emery wheels and guard set screw on drill press; provide hand rails for all stairways.

C. M. HARMON.—Within thirty days erect fire escape on the alley side of building to take in three windows on each floor above the first toward the front of building, balconies to be four feet wide, and to be built according to state specifications delivered, said building being occupied by the Detroit Free Press Printing Company.

HOWARD G. HARRIS CO.—Within six days place hoods on polishing lathes as required by section 28 of Public Act No. 285 governing fans or blowers.

HARRIS PLATING CO.—Within six days increase speed of fan, or provide larger one to produce better suction in blower pipe, to carry off dust and lint from polishing and buffing wheels; partition off polishing room from plating room for the protection of the employes from fumes and steam arising from potash tanks.

A. HARVEY'S SONS MFG. CO., LTD.—Within five days guard belt overhead on second floor, also guard exposed gears on tumbling mills.

J. F. HASTY & SONS.—Within ten days provide proper guard on emery wheel; replace all square head set screws with headless set screws; guard all exposed gearing.

HAYES FILE CO.—Within fifteen days guard all exposed set screws.

THE HENDERSON MOTORCYCLE CO.—Within ten days provide a proper blower system for polishing and buffing wheels so it will draw a column of water five inches in a U-shaped tube, on second floor in factory.

HERRESHOFF MOTOR CO.—At once repair automatic gates on freight elevators.

HERTZ & HOSBACH CO. LTD.—Within twenty days guard all belts and pulleys running near floor; provide proper guard for rip saw and guard upper wheel on band saw.

HOBBS CONCRETE MACHINERY CO.—Within twenty days erect a stairway in front of building leading to second floor with ten inch tread and eight inch rise.

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HOLLEY BROS. CO.—At once place guard rail on boiler pit; guard lower wheel of band saw.

HOLLIDAY BOX CO.—Within twenty days provide hand rail for all stairways.

THE HOUGH MFG. CO.—Within five days guard set screw on drill press, also remove set screw from drive shaft.

THE HUETTEMAN & CRAMER CO.—Guard lower wheel on band saw in pattern room and gear on bolt cutter, first floor.

W. F. HURD CO.—Within five days repair and put in safe condition two low water alarms on steam boilers.

HURON PORTLAND CEMENT CO.—Within six days remove set screws on bag filling machine shaft; guard gear on Fuller machine; provide rail for drive belt.

HYGEIA FILTER CO.—At once guard gear on pipe machine.

IDEAL REGISTER & METALLIC FURNITURE CO.—Within ten days properly guard one emery wheel.

WM. INGLIS WIRE & IRON WORKS.—At once provide guard rail for elevator pit, also hand rail for stairs leading to second floor.

FREDERICK F. INGRAM CO.—Within five days guard all exposed gears on shifter and ball machines, also exposed set screws on shafting.

INLAND-DELRAY SALT CO.—Within thirty days place iron guard rails around fly wheels of air compressor and pump, also guard rail for drive wheel and belt on engine; cover all exposed gears; at once put all low water alarms on boilers in good working condition.

THE INTERNATIONAL TOOL CO.—Within five days guard all emery wheels.

THE IRELAND & MATTHEWS MFG. CO.—At once keep passage way to fire escape clear; guard gear on machine No. 163, and end key on roller in department 13; box in belt on blower in polishing room; change hoods on buffing lathes to an angle that will carry off dust from buff wheels.

H. JAPES & CO.—Within six days guard all exposed set screws; box in belt and pulley on planer.

JENKS AND MUIR MFG. CO.—Within twelve days guard seamer machine on second floor; remove set screws on Garnet machines and on planer in machine shop; guard gear on stretcher and gang drill; cover gears on automatic buffing machine carriages, and provide proper suction hoods for same.

F. G. JOHNSTON.—Within one day cover one exposed set screw on shaft.

JOHNSTON OPTICAL CO.—Within five days guard all emery wheels.

FRED'K KAHL IRON FOUNDRY.—Within ten days guard or remove all exposed set screws.

THE KALES-HASKEL CO.—Within five days provide proper wrought iron guards for all emery wheels; cover all exposed set screws on shafting.

A. C. KALBFLEISCH & CO.—Within ten days properly guard belts and pulleys on sander machine; provide substantial hand rail on stairway; replace all square head revolving set screws with headless set screws.

B. KAUFMANS CO.—Within fourteen days place guard on pump pit.

KEITH-KENNEDY CO.—Within five days cover all exposed set screws and gears on line shaft on churn machinery in break room.

KELSEY WHEEL CO. Within ten days properly guard exposed gearing on wheel boring machine, department "J", also lathe and set screws on reamer machine, department "P"; guard gearing on broach machine and lathe in tool department; guard belts and pulleys on wheel facing machine, department "J"; also guard glazing machine, department "D" and electric generator in department "Z"; guard punch press in department "O"; box in gearing on bull dozer machine; guard all large overhead drive belts; provide proper wrought iron guards on emery wheels in department "J", hub department and tool department; replace all square head revolving set screws with headless set screws.

KING MOTOR CAR CO.—Within five days guard or remove all exposed set screws; guard belt on motor.

A. C. KNAPP CO.—Place hand rail on stairs to second floor.

KNOTT & GARLLUS.—Within five days properly guard gearing on one lathe.

KRUCE CRACKER CO.—Within five days cover all exposed gears in factory.

J. H. KRESS & CO.—Within ten days guard exposed gears, circular saw and jointer knife machine; place elevator and gates in safe condition.

THE KUEHL-BUTCHER LUMBER CO.—Within ten days provide hand rails on stairways in mill and office departments.

JACOB KUYEHALA.—Within five days guard gear on dough mixer.

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La Measure Bros.—Within ten days properly guard belt and pulley on skirt damper machine; repair elevator and place same in safe condition.

The H. M. Lane Co.—Place proper guards on emery wheels.

John Lauer Machine Co.—Guard exposed gears on lathes and drill press.

F. H. Leverenz Co.—Within ten days guard all emery wheels, jointer machine knives, shaper and saws, also guard all belts and pulleys near floors.

F. H. Leverenz & Co.—Within ten days provide proper guard for jointer, belt and pulleys on shaper; guard rip saw.

Lilies Cigar Co.—Guard belt and pulley on dynamo; keep register of children between the ages of 14 and 16 years.

The Linde Air Products Co.—Guard fly wheel and belt on small air compressor, and belts and pulleys on motors.

Louis W. Lindemann.—Within five days provide hand rail for stairs on elevator.

Lindemann & Sons.—Within six days guard all exposed set screws; box in belt and pulleys on saw and planer.

The Lindow Co.—Within ten days guard upper wheel on band saw, and provide proper guard for jointer.

Linsell Co.—Within thirty days erect fire escape on rear of the fourth story building, to take in two windows on each floor above the first, toward east end of building Nos. 370 to 390 Fort Street, West, balconies to be four feet wide; cut down one window on each floor even with the floors and put in doors to open outward on fire escape, to be built according to state specifications; at once guard gears on drill press.

Lodewyck Hydro-Motor Co.—Within five days provide proper wrought iron guard for emery wheel; cover all exposed set screws.

Lowrie & Robinson Lumber Co.—Within fifteen days guard large belt operating matcher, and belts and pulleys on sticker machine, first floor; provide proper wrought iron guards for all emery wheels; guard upper wheel of band saw and jointer machine knife, second floor in mill.

Lozier Motor Co.—Within six days provide a blower system for polishing and buffing wheels so it will draw a column of water five inches in an U-shaped tube, to comply with sections Nos. 27, 28, 29 and 30 of the Public Acts of 1911.

Lynch Bros.—Within five days provide proper cover for extractor.

McCord Mfg. Co.—At once guard band saw in grinding room, and punch press in casket department.

The McGraw Plaster Co.—Within ten days properly guard all large belts and pulleys running near floors, also belt overhead; board up passageway around sand dryer; provide proper wrought iron guard for emery wheel.

J. S. McMillan Printing Co.—Within five days guard fly wheels on Gordon presses in shop.

The McRae Brass Mfg. Co.—At once keep all emery wheels guarded.

The McRae & Roberts Co.—Within five days remove all exposed set screws and all revolving oil cups from shafting; guard exposed gears on two lathes; within fifteen days provide proper blower system on emery wheels in grinding room; install approved low water alarms on steam boilers; provide a register in which will be recorded the name, age, birthplace and place of residence of every person employed under the age of sixteen years.

Mack Garment Cleaning Co.—Within five days provide proper cover for extractor.

Malcomson-Houghton Co. (Wagon Factory).—Within fifteen days put automatic gates in good working condition; guard front and both wheels of band saw, gears on drill press and all emery wheels.

Malcomson-Houghton Co.—Within five days remove set screws on mixer and sand carrier; guard gear on motor shaft, top floor.

Malcomson-Houghton Co.—Within ten days guard bevel gear on shaft in mill, first floor.

S. O. Mannausa Printing Co.—At once cover all exposed set screws on shafting.

Hiram Marks Electric Co.—Within six days provide hand rail for stairs leading to second floor.

Martin & Halsted Co.—Within five days guard emery wheels and upper wheel of band saw.

Massachusetts Laundry Co.—Within ten days provide safety covers for two extractors; guard belts and pulleys on ironer machines and exposed gears on mangle machine, second floor; place iron guard rails at sides of all mangle ma-

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chines; guard all large belts overhead in laundry on first floor; guard crank shaft on engine.

MASSACHUSETTS & MICHIGAN DRY CLEANING CO.—Within three days provide stationary step ladder from third floor to roof No. 13 Jefferson Ave.

MASSNICK-PHIPPS MFG. CO.—Within ten days guard or remove all exposed set screws, all exposed gears, dangerous belts and pulleys.

MANSON CAMPBELL CO.—Within ten days properly guard emery wheels, band and rip saws not already guarded, also exposed gears on one rip saw; provide substantial hand rail on stairway; provide a register in which will be recorded the name, birthplace, age and place of residence of every person employed under the age of sixteen years.

MAXI MOTOR CO.—Within ten days guard all exposed set screws, all exposed gears, belt and pulley on drill press and emery wheel.

MENZIES SHOE CO. Within six days guard gear on Centennial splitter machine; box in gear on leveler No. 1039; remove set screws on buffer, third floor; place foot guard on freight elevator; keep passageway to fire escape clear.

THEO. MERCIER.—Within five days provide proper guard over emery wheel, also band saw.

THE MERZ CAPSULE CO.—Within ten days guard gear on automatic carrier and all exposed set screws.

METAL PRODUCT CO.—Within ten days guard or remove all exposed set screws; guard pulley and belt on milling machine; guard or remove key on pump in blacksmith shop.

METROPOLITAN MFG. CO.—At once guard all emery wheels and fly wheel on air compressor.

MICHIGAN AUTO GARAGE CO.—Within five days provide proper wrought iron guard on emery wheel.

MICHIGAN BOLT & NUT WORKS.—Within fourteen days guard or remove all exposed set screws and gears; guard belt on motor.

MICHIGAN BOW SOCKET CO.—Within ten days guard sides and back of elevator platform; within thirty days provide blower system to take away the dust from polishing belts.

MICHIGAN BRASS & FOUNDRY CO.—Keep register of children in your employ between the ages of fourteen and sixteen years.

MICHIGAN BREWING CO.—Within fifteen days guard belt and pulley, also bevel gear on malt grinder.

MICHIGAN BUILDERS' SUPPLY CO.—At once equip boiler with an approved low water alarm.

MICHIGAN CASKET CO.—Within six days guard rip saw on top floor and cover belt on cut off saw.

MICHIGAN CENTRAL R. R. CO.—At once do not permit messenger or call boys in your employ under the age of eighteen years to work after 5:30 o'clock p. m.

THE MICHIGAN COPPER & BRASS CO.—Within ten days properly guard large drive belt on main shaft from engine, also protect spindles and couplings between rolls; provide proper belt shift on crushing machine.

MICHIGAN ENGINE VALVE CO.—Within five days guard belt on motor, circular saw, and provide hand rail for stairs from first and second floor.

MICHIGAN FARMER'S ELEVATOR.—Within fifteen days repair steps on stairway and place substantial hand rail on same; provide three additional closets properly ventilated; erect a stairway leading from roof of outside building to the ground to be used as a fire escape; repair all windows in bean picking room.

MICHIGAN FOUNDRY & SUPPLY CO.—At once guard belt and pulley on blower; provide sanitary accommodations for employes.

MICHIGAN GREY IRON CASTINGS CO.—Within fifteen days equip elevator with automatic gates; guard exposed gearing on crane, also belt and pulley on tumbler machine.

MICHIGAN MACHINE CO.—Within fifteen days provide proper wrought iron guards for all emery wheels, and automatic gates for freight elevator openings, first floor.

MICHIGAN MALLEABLE IRON CO.—Within fifteen days properly guard belt and pulley on sand mixer, also exposed gears on tumbler machines not already guarded.

MICHIGAN METAL SPINNING MFG. CO.—Within five days place guard on emery wheel on second floor.

MICHIGAN MOTOR SPECIALTIES CO.—Within ten days guard all set screws.

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MICHIGAN OPTICAL CO.—Within six days box in belt and pulley on fan in polishing room.

MICHIGAN ORNAMENTAL GLASS WORKS.—Within five days repair railing around top of stairway on second floor and provide proper hand rail for same; replace all exposed square head set screws with headless set screws.

MICHIGAN PATTERN WORKS.—Within fifteen days guard belt and pulley on rip saw and upper and lower wheels on band saw; provide proper guard for jointer.

MICHIGAN PRESSED STEEL CO.—Within ten days provide proper wrought iron guards over emery wheels.

MICHIGAN SPROCKET CHAIN CO.—Within ten days guard drive belt on motor; repair guard on emery wheel; install a register in which will be recorded the name, age, birthplace and place of residence of every one employed under the age of sixteen years.

MICHIGAN STAMPING CO.—Within ten days guard all exposed set screws and keys, emery wheels, gears on lathes and upper and lower wheels on band saw; provide drop ladder for fire escape.

MICHIGAN STEEL BOAT CO.—Within eleven days guard or remove all exposed set screws; provide proper guard for jointer and emery wheel.

ARCH MILLER.—Within twenty-five days provide proper drop ladders for two fire escapes from lower platforms to ground, according to state specifications, Nos. 115 to 123 State Street, occupied by Joseph Mack Printing House, Detroit.

MILLER-SELDON ELECTRIC CO.—Within five days guard all emery wheels.

M. MITSHKUN CO.—Within ten days guard all exposed gears on machinery and set screws on shafting, also set screws on auger machine; properly guard emery wheel.

MONARCH PATTERN WORKS.—Within ten days guard exposed set screws; box in belt and pulley on rip saw; guard emery wheel.

MONARCH STEEL CASTINGS CO.—Within five days properly guard band saw.

MORGAN & WRIGHT.—Within ten days provide a sufficient number of proper water closets for the reasonable use of persons employed in factory, at least one of such closets for every twenty-five persons employed, also designate all water closets; at once keep all doors of water closets unlocked in factory.

MOTOR TRUCK BODY CO.—Within six days provide hand rail for stairs leading to second floor; box in belt and pulley on rip saw on first floor.

JAMES A. MOYNES & CO.—Within five days guard upper wheel of band saw.

MURPHY IRON WORKS.—Within ten days repair guard on jointer in carpenter shop; guard emery wheels and gears on drill press; remove fan on grinder; remove exposed set screws; place guard rail on doorway in blower room; place foundry closet in a sanitary condition.

MURPHY-POTTER CO.—At once remove exposed set screws on air compressor and hack saw; guard upper wheel of band saw.

MURPHY POWER CO.—Within five days provide new lifting cable for hoist, also guard rail for hoist platform and provide proper platform from hoist to crusher.

MURCHEY MACHINE & TOOL CO.—Within five days guard gears on two cutter machines and all exposed set screws.

MURRAY MFG. CO.—Guard belt on dynamo, emery wheels and rotary machine.

MURRAY SPECIALTY MFG. CO.—Guard exposed gears on drill press in machine shop.

E. B. MYRICK & CO.—Within ten days place hand rail on stairs to second floor.

THE NATIONAL IRON WORKS.—Within ten days place guard on gear of bolt threader.

NEW BRASS WORKS.—Within six days guard wheels on band saw in foundry.

NIMMO, SPAULDING & EDDY.—Within three days guard band saw, also set screw on shafting.

NORTHWAY MOTOR & MFG. CO.—Within ten days guard or remove all exposed set screws; guard all exposed gears, and place low water alarms on boilers Nos. 2 and 3 in good working condition .

OCKFORD PRINTING CO. Within ten days guard all fly wheels on Gordon presses in passageway on second floor.

CURT OLEMAN.—Within five days guard gear on lathe.

F. C. OSBORN CO.—At once provide proper guards for emery wheels.

PAIGE-DETROIT MOTOR CAR CO.—Within fifteen days properly guard emery wheels and bevel gears on drill presses not already guarded; provide guard rails around fly wheel on air compressor and hand rail on outside stairway; repair gates on

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elevator in frame department, also repair and put in sanitary condition all closets.

PALMER MFG. CO.—Within six days guard gear on buss double surfacer, emery wheels and belt and pulley on shaper; remove all exposed set screws; place hand rails on stairs to finishing and canning departments.

PARKE, DAVIS & CO.—Within ten days guard upper and lower wheels on band saw; provide proper guard for rip saw.

PARK & MCKAY.—Within two days cover all exposed set screws on shafting; guard emery wheel, also belt and pulley on pipe cutting machine in basement.

PARKER, WEBB & CO.—Within ten days provide substantial iron railing around top of steam boilers; guard gearing on lathe, press machine and lard and tallow kettles, also repair guard over gearing on compound roller.

PARIS CLEANERS & DYERS.—Within ten days provide cover for extractor.

PARISIAN LAUNDRY CO.—Within ten days guard all exposed gears and place iron guard rail around belt and pulley on small engine in basement; place elevator gates in proper working order to comply with Section 12 of the Public Acts of 1911; provide stair steps in front of windows leading to fire escapes.

PARIS LAUNDRY.—Within five days guard all exposed set screws.

AUG. PASCHKE & SONS.—Within fifteen days provide guard for rip saw and jointer; box guard all belts and pulleys next to floor.

PARSONS-DEVLIEG & CO.—Within five days guard all emery wheels, also set screws on shaft and belt on motor.

PATTERSON BROS.—Within ten days guard upper and lower wheels on band saw; provide proper guard for rip saw.

FRANK M. PAULI.—Within ten days guard or remove all exposed set screws; guard upper and lower wheel on band saw; guard belt and pulley tenneter; provide proper guard for rip saw and emery wheel; guard pulley and belt on rip saw, second floor.

PENINSULAR EMERY WHEEL CO.—Within five days guard or remove all exposed set screws; guard gears on lathe; provide proper guard for rip saw, and guard belt on motor.

PENINSULAR MILLED SCREW CO.—Within five days guard or remove all exposed set screws; guard gears on lathes.

PENINSULAR STEEL CASTINGS CO.—Within ten days guard all emery wheels and gear on sprue cutter.

PEOPLE'S OUTFITTING CO.—Within ten days properly guard cut off saw.

PERE MARQUETTE RAILROAD CO.—ROUND HOUSE.—Within five days place iron guard rails around fly wheels of air compressor.

PEWABIC POTTERY CO.—Within ten days guard or remove all exposed set screws.

THE PHOENIX WIRE WORKS.—Within four days guard engine and belt on power looms.

PIEDMONT GRAPHITE CO.—Within ten days guard belt and pulley on motor and all exposed set screws.

THE PINGREE CO.—Within ten days guard emery wheels on first and basement floors of annex; cover all exposed set screws on shafting on third and basement floors of annex; also guard crank shaft on engine.

PITTMANS & DEAN CO. Within five days guard or remove all exposed set screws.

PITTSBURG SHAFTING CO. OF DETROIT.—Within one day guard all emery wheels not already guarded.

THE POSSELIUS BROS. FURNITURE MFG. CO.—At once remove all dangerous set screws; box in belt on sander machine; place toe guard on freight elevator; guard Ruffer pulley and gear on planer equip joints with safety guard.

PRATT, CARTER, SIGSBEE & CO.—Within ten days provide proper guard on band saw.

PRINCESS MFG. CO.—Within six days place toe guards on freight elevators.

PURITAN MACHINE CO.—Within five days cover all exposed set screws on shafting; provide proper wrought iron guards for all emery wheels.

P. R. MFG. CO.—Within fifteen days guard all exposed set screws and gears on lathe.

QUINN MFG. CO.—At once place foot guard on freight elevator.

RAILWAY STEEL-SPRING CO.—Within ten days provide proper guard rail around crank shaft on engine.

THE READING TRUCK CO.—Within ten days guard belt and pulley on motor in basement, and put elevator gates in proper working condition.

H. F. REIDINGER.—Within ten days guard upper and lower wheels on band saw; keep guard on joiner.

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THE REINHOLD MFG. CO.—At once remove all exposed set screws, and guard belt and pulley on rip saw.

RENAUD POWER PLANT.—Within six days provide two or more arc lights for benefit of female employes of the DeLuxe Laundry Co. at 59 Fort St. E.; provide building with signal system to engine room to be used in case of emergency.

RESTRICK LUMBER CO.—Within five days properly guard band saw in carpenter shop.

THE RICHMOND & BACKUS CO.—Within ten days guard gear on ruling machine, and guard all exposed set screws.

PETER RIEDEL.—Within thirty days erect fire escape on the front of building Nos. 88 and 90 Grand River Ave. West, to take in two center windows on each floor above the first, balconies to be four feet wide, and to be built according to state specifications delivered, occupied by Senate Laundry.

RITTER CIGAR BOX CO.—Within six days place hand rail on stairs to second floor; keep register of children in your employ.

RIVERSIDE POWER BLDG.—At once repair low water alarm on boiler.

THE ROBERTS BRASS MFG. CO.—Within fifteen days install a blower system to carry away the dust from all dust creating machinery; also keep a register in which will be recorded the name, birthplace, age and place of residence of every person employed under the age of sixteen years.

J. A. ROBERTSON.—Within five days provide proper iron guard for emery wheel.

ROBERTS TUBE WORKS.—Within ten days properly guard cut off saw, and all exposed gears; replace exposed set screws with headless set screws.

THE ROBINSON AUTOMATIC MACHINE CO.—At once guard all emery wheels.

GEO. A. ROBINSON GARAGE.—Within five days guard all exposed gears and one emery wheel in shop.

ROCK'S AUTOMOBILE COLLEGE.—Within five days provide a proper wrought iron guard for emery wheel.

E. C. ROGERS.—Within five days guard exposed gears on lathe machine.

ROLLER MILL WORKS.—Within ten days guard or remove all exposed set screws.

ROE STEPHENS MFG. CO.—Within fifteen days guard exposed gearing on lathes, also electric cranes at elevator openings in cupola building; provide automatic gates so constructed as to open and close by the action of elevator either ascending or descending.

ALBERT ROHNS & CO.—Within five days provide proper wrought iron guards for all emery wheels, and guard exposed gears on punch press.

ROSS & YOUNG MACHINE CO.—At once guard emery wheels on second floor; place hand rail on stairs to second and third floors.

JACOB ROTH.—Within six days guard rail on gear of dynamo; place hand rail on stairs to second floor.

WM. H. ROWE.—Within five days guard gears and fly wheel on cylinder press.

F. RUHL.—Within six days guard gears on dough mixer.

R. C. H. CORPORATION.—Within twenty days guard or remove all exposed set screws; provide proper gas pipe; guard belt and pulley on machine No. 909; guard rip saw and upper wheel on band saw in carpenter and pattern shop.

SAFETY FURNACE PIPE CO.—Within five days provide guard for circular saw.

SAN TELMO CIGAR MFG. CO.—At once clear passageway to fire escape and place hand rail on stairway to basement.

SASS BROS. & STUVE.—Within fifteen days equip steam boiler with approved low water alarm.

SCHADT & MATHEWSON.—At once remove all exposed set screws; place guard rail around driving belt running through second floor.

I. L. SCHEINMAN & CO.—Within ten days guard belt from basement to first floor.

SCHOENBORN & COWLES MFG. CO.—Guard gears on lathe.

SCHWANBECK BROS.—Within ten days guard belt and pulleys on tennon machine and jointer on second floor, also belt and pulley on resaw on first floor.

SCHWEIKART BOAT CO.—Within five days guard or remove all exposed set screws; provide proper guard for rip saw; guard upper and lower wheels on band saw.

SCOTTEN, DILLON CO.—Within ten days guard all exposed set screws on shafting, emery wheel and crank shaft on engine.

SEWELL CUSHION WHEEL CO.—Within ten days guard pulley and belt on jointer, and provide guard for knife.

F. M. SIBLEY.—Within five days provide proper guard for rip saw.

C. M. SMILLIE.—Within five days guard gears on lathe and bevel gears on drill press.

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JOS. N. SMITH & CO.—Within ten days cover all exposed set screws on shafting; guard both wheels of band saw, fourth floor, also exposed gears on punch presses and cutting machine; provide better suction in exhaust fan system so it will draw a column of water five inches high in a U-shaped tube; protect opening at elevator on first floor.

THE PETER SMITH HEATER CO.—Within ten days properly guard emery wheels, also drill press.

THE SOLVEY PROCESS CO.—Within ten days guard all exposed bevel gears in S. A. room, also guard upper wheel on band saw in carpenter shop.

JOHN S. SPIEGEL CO.—Within ten days replace or put in safe condition low water alarm; guard exposed gears on wrist band machine and remove all set screws from shafting; provide safety covers for two extractors.

SPIETZ & WORCH CO.—At once repair fire escape and place it in a safe condition, also keep openings clear and repair doors leading to same.

L. O. SKINKLE.—At once place hand rail on stairs leading to second floor.

JOSEPH SPRENGER & SONS.—Within ten days guard emery wheel and all exposed gears and set screws in shop.

STANDARD BRASS WORKS.—Place hand rail on stairs leading to basement; keep register of children in your employ who are between the ages of fourteen and sixteen years.

STANDARD FOUNDRY CO.—At once guard upper and lower wheels on band saw; within forty days provide wash and dry room for moulders, also hot and cold water to wash; provide guard rail for drive belt on engine.

THE STANDARD LAUNDRY CO.—At once place toilet room in basement in a sanitary condition; provide hand rail for stairs and repair same leading into basement; guard all exposed gears; within thirty days provide one additional stairway to front of building from second to first floor, or erect fire escape in front of building to take in three center windows, balcony to be four feet wide and to be built according to state specifications delivered.

STANDARD OIL CO.—Within ten days provide automatic gates so constructed as to open and close by the action of the elevator, either ascending or descending, at opening on south side of elevator.

STANDARD PLATING WORKS.—At once equip polishing and buffing wheels with blower system as provided for by section 27, 28, 29 and 50 of Act No. 285 of the Public Acts governing fans and blowers; box in pulleys on dynamo and blower.

STANDARD TOOL & MFG. CO.—Guard exposed gears on lathe and lower wheel on band saw.

A. B. STANTON.—Within ten days provide skirt guard on machines not already guarded.

LEWIS STERN.—Within five days place hand rail on stairs to second floor of building 184 Grand Ave., occupied as a cigar factory.

FREDERICK STEARNS & CO.—Within five days guard or remove all exposed set screws and keys; guard upper wheel on band saw.

PETER STENIUS.—Within six days guard rip saws on first floor; provide hand rail for stairs to second floor; keep register of children in your employ who are between the ages of fourteen and sixteen years.

STERLING MOTOR CO.—Within ten days provide proper wrought iron guards on emery wheels not already guarded.

FREDERIC B. STEVENS.—At once cover all exposed gears on mixing machines and keep them guarded, also guard belt on motor.

THE STERLINGER MARINE ENGINE CO.—Within five days guard gears on lathe.

STUART FOUNDRY CO.—Within ten days guard all exposed gears; provide proper wrought iron guards for all emery wheels.

THE STUDEBAKER CORPORATION.—Within ten days guard gear on lathe and belt on drive wheel.

THE F. J. STROUP CO.—Within ten days provide guards for belts and pulleys on printing presses in basement.

SUPERIOR MACHINE & ENGINEERING CO.—Within ten days provide proper guards for all exposed gears on lathes and drill press, and remove all exposed set screws.

JAS. M. TEAHEN.—Within ten days provide hand rails on all stairways not already so equipped; repair gate at elevator entrance in basement.

WM. TEGGE & CO.—At once equip building with fire escape, same to be built according to specifications; place hand rail on stairs to second floor.

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TERRY & MAHNKE MFG. CO.—Within ten days provide safety guards for rip saw, upper and lower wheels of band saw and belts and pulleys on motor.

TESSMER MACHINE & TOOL CO.—Within six days place guard on compound mixer.

F. A. THOMPSON & CO.—Guard gear on mixer and all exposed set screws.

THORP, HAWLEY & CO.—Within five days guard all bevel gearing also open gears on sizing machine and carmel cutter; remove all set screws from shafting; at once repair low water alarm.

THE TIMKEN-DETROIT AXLE CO.—Within five days guard bevel gear on drill press, D. No. 34, and emery wheels, third floor Building 34, and emery wheels, third floor Building 34; also guard belt and pulley on motor, and set screws on shafting, second floor; guard set screws on shafting and belt overhead in drill press department, also guard belt overhead in carrier department, first floor; guard set screws and emery wheel in forge department also guard set screws on shafting in die sinking department; at once remove all obstructions in passageways leading to fire escapes.

TIVOLI BREWING CO.—Within ten days guard belt on line shaft, upper and lower wheels on band saw, rip saw and emery wheel.

TOWARS WAYNE COUNTY CREAMERY.—Within five days cover all exposed gears; put all elevator gates in proper working condition; keep passageway clear leading to fire escape and remove all obstruction from same.

TRAUGOTT SCHMIDT & SONS.—Within thirty days provide guard rail for fly wheel in engine room.

THE TRIPPENSEE MFG. CO.—At once place hand rails on stairs leading to second floor; guard all exposed set screws.

TULLAR ENVELOPE CO.—At once box in belt and pulley on die press.

TUTTLE & CLARK.—At once place guard rail around press gears, also guard pulley and belt on splitting gauge.

UTILITY COMPRESSOR CO.—Within ten days box in belt on dynamo in polishing room; guard emery wheels.

UNITED FORGE & MACHINE CO.—Within five days guard emery wheels.

THE UNITED STATES FRUMENTUM CO.—Within five days guard or remove all exposed set screws.

UNITED STATES LIGHT HEATING CO.—Within ten days provide a suitable toilet for female in your employ.

UNITED STATES MCADAMITE METAL CO.—Within ten days properly guard fly wheel on engine and bevel gearing on drill press; provide substantial hand rail on stairway.

UNITED STATES RADIATOR CORPORATION.—Within five days guard belt and pulley on air compressor.

UNIVERSAL BOTTLE WASHER CO.—Within twenty days guard all exposed set screws; provide proper guard for emery wheels and rail guards for all belts and pulleys running near floor, also guard end gears on lathes.

UNIVERSAL BUTTON FASTENING & BUTTON CO.—Within five days guard all exposed set screws on shafting and belt and pulley on large drill press, also all emery wheels.

WM. W. VAUGHAN CO.—Within five days repair Reliance water column on steam boiler.

VELICK SCRAP IRON & MACHINERY CO.—Within six days guard exposed gears, belt and pulley on shears.

VICTOR MFG. CO.—Within thirty days provide proper wrought iron guards for all emery wheels; guard upper wheel of band saw and belt and pulley on jointer machine.

VICTOR VULCANIZING CO.—Within five days provide a proper wrought iron guard for emery wheel.

VINCENT BROS.—Within five days guard upper and lower wheels on band saw.

VOELKNER & HARRY MFG. CO.—Within five days cover all exposed set screws on shafting and gears on automatic saw, also guard belt operating punch press No. 5653 in factory.

THE WABASH R. R. CO.—Within thirty days provide one additional stairway in rear of office from second floor to warehouse, west end of building foot of 12th Street; also provide water closet in new warehouse for male employes.

T. A. WADSWORTH.—Within five days box in belts on double cut-off saws; place foot guard on freight elevator.

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JOHN WAGNER.—Within five days provide hand rail for stairway leading down to basement at No. 255 Grand River Ave.

HUGH WALLACE CO.—Within ten days guard dynamo in tannery room; place guard rail on mangle and foot guard on freight elevator; remove exposed set screws.

R. WALTERS.—Within five days provide hand rail for stairs leading from first to second floor of building 693 Gratiot Ave. and repair same.

WASHINGTON BOULEVARD AUTO GARAGE.—Within five days guard all gears on drill press, also emery wheel and belt and pulley on motor.

WAYNE BELTING CO.—Within five days provide proper wrought iron guard for emery wheel.

J. F. WEBER & CO.—Within ten days guard or remove set screws on sticker and planer; guard belt on rip saw.

WEIMBERG MOTOR CO.—Within ten days properly guard emery wheels and gearing on lathe machines.

THE WELDED STEEL BARREL CORPORATION.—Within ten days guard or remove all exposed set screws; place low water alarm in good working condition.

FRANK H. WEST.—Within five days guard fly wheels on two cylinder presses.

WEST SIDE LAUNDRY CO.—Within five days guard exposed gears on mangle machine; provide automatic gates at elevator openings in basement.

WHITE EAGLE BAKERY.—At once remove closet to basement, and place bake shop in a sanitary condition.

THE WHITEHEAD & KALES IRON WORKS.—Within ten days guard open gearing on punch and drill presses; provide proper guard on band saw.

E. B. WHITCOMB.—Within five days repair and put in safe condition freight elevator in building No. 68 Larned St., West.

JOHN WHITTAKER & CO.—Within five days provide proper wrought iron guards for all emery wheels and cover all exposed gears.

THE WINKLEY CO.—Within ten days provide proper wrought iron guards on emery wheels not already guarded; keep a register in which will be recorded the name, age, birthplace and place of residence of very person employed under the age of sixteen years.

WILSON BODY CO.—Within ten days guard all exposed set screws; guard emery wheel.

WOLVERINE MFG. CO.—Within ten days guard all emery wheels and belt running through second floor of machine shop, also all large belts overhead, and exposed gears, belt and pulley on three drum sanders, and all emery wheels of band saws, also belt and pulley on tenon machine in building B; guard fly wheel belt and pulley on air compressor and all large belts overhead in basement; place iron guard rails around top of two boilers.

WOLVERINE MOTOR SUPPLIES. CO.—Within six days place closets in a sanitary condition; guard dynamo and fan in polishing room; repair fire escape.

LEO A. ZISKE.—At once place hand rail on stairway.

JOHN ZYNDA BREWING CO.—Within six days guard crank shaft in engine room.

Eloise.

ELOISE HOSPITAL & INFIRMARY.—Within ten days provide spreader and guard for rip saw in carpenter shop; cover all exposed set screws on shafting in laundry; at once repair low water alarm on boiler No. 2 in boiler room.

Ecorse.

GREAT LAKES ENGINEERING WORKS.—Within thirty days provide proper wrought iron guards for all emery wheels in air tool and sheet metal shops; guard upper wheels of band saw in carpenter and mold loft shops, also guard exposed gears in plate shop.

WORCESTER SALT CO.—Within fifteen days provide proper wrought iron guards for all emery wheels, also guard jointer knife machine, and provide spreader and guard for rip saw; guard belt and pulley on motor, second floor, in pan house, and provide hand rail for stairs from second to first floor in pan house.

KAY SALT CO.—Within five days provide a proper wrought iron guard for emery wheel; guard bevel gear on crozer machine, and repair low water alarm on boiler.

PALMER MOTOR CAR CO.—Within five days provide a proper wrought iron guard for emery wheel.

MILLENBACH BROS. CO.—Within fifteen days cover all exposed set screws and all exposed gears.

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THE BEAUBIEN ICE AND COAL CO.—Within thirty days equip boiler with an approved low water alarm.

Flat Rock.

FRED BURDEN.—At once guard bevel gear on drill press.

Ford Village.

THE J. B. FORD CO.—At once guard belt on motor in process building, second floor.

MICHIGAN ALKALI CO.—Within ten days guard upper wheels of band saw in carpenter and pattern shops, exposed gears in machine and plate shops, and all unguarded crank shafts in engine room.

French Landing.

DETROIT REDUCTION CO.—At once repair low water alarms on boilers Nos. 4 and 6 and keep them in good working condition.

Greenfield.

STOCK PROCESS STEEL CO.—Within five days guard fly wheel and drive wheel on air compressor, exposed gears on sprue cutting machine and properly guard all emery wheels not already guarded.

Hamtramck.

AUTO CITY BREWING CO.—At once repair low water alarm.

JEFFERY-DEWITT CO.—At once place hand rail on stairs to second floor; remove all exposed set screws; keep register of children in your employ between the ages of fourteen and sixteen years.

SWEDISH CRUCIBLE STEEL CO.—Within twenty days provide dry room to dry men's clothes, hot and cold water to wash, and place toilet in sanitary condition.

BRIGGS MFG. CO.—Within ten days guard or remove set screws on hair picking machine; guard upper wheel on band saw.

Highland Park.

FORD MOTOR CO.—Within ten days repair grating on furnace pits in aluminum department; provide blower system for carrying off dust from emery wheels in heat treating department; guard emery wheels in mill wright department and sand belt in iron foundry; guard belt and pulley on boring machine in saw mill, and upper and lower wheels of band saw in upholstering department.

H. W. HARDING LUMBER CO.—Within six days box in belt and pulley on rip saw and double surfacer; replace all exposed square head set screws with headless ones.

Leesville.

Z. E. GARRISON.—Within twelve days guard wheels on band saw; provide proper guard for rip saw.

Northville.

GLOBE FURNITURE CO., LTD.—At once provide proper wrought iron guards for all emery wheels; guard circular saws; cover all exposed set screws on shafting; guard upper wheels of band saws and elevator pit, first floor.

AMERICAN BELL & FOUNDRY CO.—Within five days guard bevel gear on drill press, upper wheel on band saw and all exposed set screws on shafting.

THE STIMPSON SCALE & ELECTRIC CO.—Within fifteen days guard upper wheels of band saw; cover all exposed set screws; guard all unguarded emery wheels and gears on lathes and machines; provide proper hoods for buffing and polishing machines and safety clutches for elevators, also guard elevator pits and crank shaft on engine.

NORTHVILLE MILLING CO.—Within ten days guard exposed bevel gears on shafting, box in belts running through top floor; cover exposed set screws on shafting.

UNION MFG. & LUMBER CO.—Within five days guard upper wheels of band saws and bevel gear on mortiser machine; cover one exposed set screw on shaft, second floor.

Plymouth.

C. HEIDE.—Within twenty days equip boiler with an approved low water alarm.

J. D. MCLAREN CO. INC.—Within thirty days provide one additional stairway on the outside of building, second floor, toward front, on east side of building, to take in one window, same to be cut down even with second floor, with stairs leading to ground, to be used in case of fire.

BONAFIDE MFG. CO.—Within fifteen days guard belt and pulley on engine; provide proper wrought iron guards for all emery wheels; equip boiler with an approved low water alarm.

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Springwells.

LONYO BRICK CO. No. 4.—Within ten days repair low water alarm on steam boiler in power plant.

PORATH BROS.—At once repair and put in safe condition one Wright column; replace one Goodnough with approved low water alarm.

WILLIAM CLIPPERT.—At once repair and put in safe condition Reliance water columns on Nos. 1 and 2 boilers; remove square head set screw on drill press.

LONYO BRICK CO.—At once repair water column on No. 3 boiler.

DETROIT ROCK SALT CO.—Within ten days properly guard emery wheel, also belt and pulley on engine in machine shop.

MULKEY SALT CO.—Within five days properly guard gearing on two punch presses.

River Rouge.

PERFECTION MFG. CO.—Within one day guard front of elevator pit, also belt and pulley on small engine.

DWIGHT LUMBER CO.—Within five days provide proper wrought iron guards for all emery wheels; cover exposed gears on drill press and lathe in machine shop.

DETROIT BRIDGE & STEEL WORKS.—Within fifteen days guard all exposed gears; provide proper wrought iron guards for all emery wheels; guard upper wheel of band saw, and crank shaft and fly wheel of air compressor; provide spreader and guard for rip saw.

DUNBAR & SULLIVAN DREDGING CO.—Within fifteen days equip boiler with an approved low water alarm; provide proper wrought iron guards for all emery wheels and guard fly wheels on air compressor, all in machine shop.

THE BROWNLEE CO.—Within ten days guard all belts and pulleys near floor in mill.

Rockwood.

AMERICAN SILICA CO.—Within thirty days guard drive wheels and belts on two engines, also all exposed gears and guard all sprocket wheels and chains.

F. BAUMEISTER & SON.—Within ten days provide proper wrought iron guards for emery wheels.

Romulus.

HENRY W. SEESTEDT.—Within fifteen days repair and put in safe condition water column on No. 1 boiler; guard crank shaft on engine, also belt and pulley on blower.

Trenton.

CHALLENGE ENVELOPE CO. INC.—Within ten days guard exposed gears on cylinder press; provide hand rails for front and rear stairways from second to first floor, and guard all belts and pulleys near floor.

Wayne.

PROUTY & GLASS CARRIAGE CO.—Within fifteen days provide proper wrought iron guards for all emery wheels; guard upper wheel of band saw and exposed gears on small planer; provide guards for rip saw and shaper machine, also guard all belts and pulleys near floor in machine room; guard crank shaft on engine.

Wyandotte.

THE J. H. BISHOP CO.—Within twenty days provide safety covers for extractors; also provide one additional stairway in tailor department, south end of building, from second to first floor, to be used in case of fire.

W. A. DEBO.—Within fifteen days provide safety clutch for elevator and automatic gates for elevator openings in building occupied by Wyandotte Sheet Metal Works.

DETROIT SHIPBUILDING CO.—Within thirty days guard all exposed gears on drill presses and lathe in machine shop; provide proper wrought iron guards for emery wheels in carpenter shop; guard fly wheels and crank shaft on air compressors in power plant.

DETROIT VALVE & FITTINGS CO.—Within twenty days provide spreader and guard for rip saw; cover all exposed gears on all machines.

DETROIT-WYANDOTTE MOTOR CO.—Within ten days guard all exposed set screws on shafting, also gears on all machines, and provide proper wrought iron guards for all unguarded emery wheels.

MICHIGAN ALKALI CO.—Within ten days guard bevel gear on small drill, also guard gears, belt and pulley on large drill press in machine shop; provide proper wrought iron guards for all unguarded emery wheels, also guard belt and pulley on motor in machine shop.

MARX BREWING CO.—At once remove wooden platform from around boilers and ladders and erect iron platforms around boilers with hand rails and iron ladders connecting platforms in boiler room.

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MORRIS GOLDGLEID.—Within fifteen days provide automatic gates for elevator openings, and guard side and back of elevator shaft.

PRATT & BEGEMAN.—Within fifteen days guard bevel gear on drill press; provide proper wrought iron guard for emery wheel, and guard fly wheel on gasoline engine, all in machine shop.

PENNSYLVANIA SALT MFG. CO.—Within ten days guard fly wheel on crank shaft on engine in gas plant, belt and pulley on motor in alum department, bevel gear on drill press in machine shop, and also guard fly wheel on air compressor in engine room.

STAR BOTTLING WORKS.—At once provide automatic gates for freight elevator openings, and properly enclose back and sides of elevator shaft.

WYANDOTTE FOUNDRY CO.—Within fifteen days provide proper wrought iron guards for all emery wheels, also spreader and guard for rip saw; guard side of elevator shaft and provide automatic gates for elevator openings in foundry.

Zug Island.

THE FRANCE SLAG CO.—Within thirty days provide exhaust fan system to take away the dust from dust creating machinery; also provide a proper water closet.

WEXFORD COUNTY.

Cadillac.

CADILLAC ICE CREAM CO.—Within thirty days safeguard your elevator by equipping same with automatic gates.

GEORGE F. GRAHAM.—At once guard lower wheel of band saw.

V. L. R. SIMMONS.—Within fifteen days provide another toilet in your building for the female help and plainly so designate same.

GRAND RAPIDS & INDIANA RAILWAY.—At once repair low water alarm and keep same in good working order.

THE CITY OF QUALITY BAKERY.—At once have all rubbish, refuse and dirt removed from the rear room of bakery shop and keep same in a clean and sanitary condition.

THE CADILLAC EVENING NEWS.—Within five days guard all exposed set screws on line shaft on first floor.

CADILLAC TURPENTINE CO.—At once erect a railing on west side of main drive pit in engine room.

THE CADILLAC VENEER CO.—At once file permit for boy in your employ under the age of sixteen years; erect a guard around main drive to engine in dry kiln.

CADILLAC CHAIR CO.—At once discontinue the practice of violating the fifty-four hour law, also discontinue the practice of employing children between the ages of fourteen and sixteen years without there is first placed on file in your office a permit issued by the superintendent of schools.

CITIZENS TELEPHONE CO.—Within thirty days arrange to comply with the fifty-four hour law.

MICHIGAN STATE TELEPHONE CO.—Within thirty days arrange to comply with the fifty-four hour law.

Manton.

MANTON PRODUCE CO.—Erect a railing on all stairways.

INMAN & NORTHRUP.—At once repair low water alarm.

RUDELL CREAMERY.—Guard all exposed set screws.

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ORDERS MADE BY WOMEN INSPECTORS IN 1913.

ARRANGED ALPHABETICALLY BY TOWNS.

Ann Arbor.

ANN ARBOR FLUFF RUG CO.—Within three days provide covered drinking water tank with faucet for use by employes.

ANN ARBOR STEAM DYE WORKS.—Within one day provide lock or bolt on inside of door leading to basement where toilet is located; within fifteen days enclose toilet in basement and provide light in same.

BUSY BEE.—Within one day place water closet in proper sanitary condition.

GEORGE GEISENDORFER.—Within one day place water closet in proper sanitary conditon.

GOLDMAN BROS.—Within five days provide approved low water alarm on boiler.

GRUNER & CO.—Within one day make an effort to put closet bowl in proper sanitary condition, and if that is impossible, within thirty days provide new toilet bowl.

FRANCIS HAMILTON.—Within three days provide key for toilet on second floor of business block owned by you, and in which Geo. W. Kyer has a tailor shop, and place said toilet in proper sanitary condition.

MRS. H. S. HARDY.—Within seven days provide proper ventilation in toilet in basement of building owned by you and rented to Mr. Pinney and to the Arcadia Restaurant proprietors, said building being located at 610-612 Liberty Street.

KYER & WHITKER.—Within one day place toilet on second floor in proper sanitary condition; within fifteen days guard all elevator openings by automatic doors, gates or traps so constructed as to open and close with ascending or descending of elevator.

MAYER-SCHAIRER CO.—Within five days provide covered drinking water tank with faucet for use by employes.

MEUHLIG & SCHMID.—Within thirty days guard all elevator openings by automatic gates, doors or traps so constructed as to open and close with ascending or descending of elevator.

MICHIGAN STATE TELEPHONE CO.—Within one day place ladies' toilet in proper sanitary condition.

ST. JAMES HOTEL.—Within one day have toilet on second floor repaired so that it will flush properly.

SCHULZ BROS.—Within one day place toilet in basement in proper sanitary condition.

MRS. MARTIN SEABOLT.—Within thirty days provide separate water closets, plainly so designated, for use by both sexes employed in building rented by you to Jos. A. Gagle for laundry purposes, located at 218 East Huron Street, as provided for in Section 17 Act No. 285 of the Public Acts of 1909, as amended.

ROWE LAUNDRY.—Within sixty days provide proper toilet conditions within reasonable access for females in your employ.

GEORGE WAHR.—Within one day place toilet room on second floor in proper sanitary condition; provide keys or bolts to doors leading to toilet room.

H. A. WILLIAMS.—Within thirty days guard all elevator openings in store building owned by the Katherine Building Company and rented to E. G. Hoag, located at Main & Washington Sts., by automatic gates, doors or traps so constructed as to open and close with ascending or descending of elevator.

F. W. WOOLWORTH CO.—Within seven days provide more stools behind all counters.

Battle Creek.

AUSTIN & CO.—Within fifteen days protect all elevator openings with automatic gates, traps or doors so constructed as to open or close with ascending or descending of elevators.

BAKER DRUG CO.—Within fifteen days provide proper sanitary toilet conveniences for employes at store of Baker Drug Company, said toilet to be enclosed, well ventilated and lighted.

J. H. CALLAHAN.—Within thirty days provide proper and separate toilet con-

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veniences for females in the employ of the Dobbins Hardware Company, located in building owned by you at 36 E. Main Street; within fifteen days guard all elevator openings in said building by automatic traps, doors or gates so constructed as to open and close with ascending or descending of elevator.

M. H. CHADWICK.—Within fifteen days provide separate toilet conveniences for employes in C. C. Thoma's store and in S. W. Coggin's store—a separate toilet must be provided for use of those employed in each of the above named stores.

DUPLEX PRINTING PRESS CO.—Within ten days provide at all elevator openings in store of L. B. Brocket, located in building owned by you, automatic gates, doors, or traps so constructed as to open or close with ascending or descending of elevator.

W. D. FARLEY.—Within one day protect elevator opening at second floor of store by automatic door, trap or gate so constructed as to open and close with ascending or descending of elevator.

CHAS. C. GREEN.—Within fifteen days provide proper toilet conveniences, well lighted and ventilated, for employes of The Great "C" Store, located in building owned by you at 98 West Main Street.

R. L. HOFFMASTER.—Within fifteen days guard all elevator openings in Hoffmaster Block by automatic gates, doors or traps so constructed as to open or close with ascending or descending of elevator.

S. S. KRESGE CO.—Within ten days arrange candy counter so that girls can enter or leave without having to crowd in or out.

LAVERNE HOTEL.—Within five days post conspicuous signs pointing out all exits in case of fire.

P. A. LEONARD.—Within three days have toilet located in building occupied by the Imperial Dye Works, and used by employes of said Imperial Dye Works, placed in proper condition for use.

MODEL LAUNDRY CO.—Within two days have ladies' toilet placed in proper sanitary condition; within fifteen days guard all extractors.

PHOENIX PRINTING CO.—Within one day place ladies' and gents' toilets in proper sanitary condition.

POST TAVERN.—Within three days file working permit for girl who is employed in kitchen and does not know her exact age; instruct operator of extractor to keep extractor guarded at all times when in use.

H. B. SHERMAN MFG. CO.—Within two days have ladies' toilet on third floor placed in proper sanitary condition.

STEWART LAUNDRY.—Within three days provide covered drinking water tanks with faucets for use by your employes.

TOELLER-DOLLING CO.—At once and at all times you must keep the temperature of the store perfectly comfortable for the females in your employ; within two days designate ladies' toilet on third floor as such; have wash bowls placed in proper sanitary condition.

MISS MARY WAKELEE.—Within twenty days provide proper toilet conveniences, well ventilated and lighted, for females employed by the E. C. Fisher Co., in building owned by you and located at 12 and 14 W. Main Street.

VERNON WESTON.—Within fifteen days provide ventilation in toilet used by employes of Bietry Grocery Company, in building owned by you.

Bay City.

BAY COUNTY HARDWARE CO.—At once guard all elevator openings.

BRADLEY, MILLER & CO.—Within three days provide covered drinking water tanks with faucet in all departments of your plant.

RECHLIN HARDWARE CO. LTD.—Within thirty days provide at all elevator openings in your place of business proper trap or automatic doors or automatic gates so constructed as to open and close by the action of elevator either ascending or descending.

S. P. CRANAGE.—Within thirty days provide proper toilet conveniences for females employed in store of Mrs. J. M. Brown, located in Cranage Block, said toilet must be properly lighted and ventilated; within thirty days provide at all elevator openings in Cranage Block proper trap or automatic doors or automatic gates so constructed as to open and close by the action of elevator either ascending or descending.

GEORGE HANDY.—Within one day file birth records or working permits for four boys between fourteen and sixteen years of age.

HAWLEY DRY GOODS CO.—Within three days make such arrangements that females employed on third floor do not have to go up and down flight of stairs every time a sale is made.

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WM. LOOSE.—At once properly guard all elevator openings.

McDONALD BEAN CO.—Within two days place toilets in proper sanitary condition.

MERSHON-BACON CO.—Within seven days do not permit or suffer females under the age of 21 years to be employed in your factory where at the present time they are engaged at feeding and carrying away from machines as I have seen conditions which show that girls employed in said department are so employed at peril to their moral welfare; at once see that all drinking water tanks are each day cleaned out; also place ladies' toilet in proper sanitary condition.

J. B. SHEARER.—Within one day place toilets on second floor of Shearer Block in proper sanitary condition and see that they are kept in proper sanitary condition.

J. A. WELLS.—Within one day place lock or bolt on inside door leading to toilet room.

Carrollton.

MERSHON-EDDY-PARKER CO.—At once file working permits or birth records for Tom Papielarz, John Antkowiak, Edward Waier, Balla Glowicki, Frank Greenwald, Toni Bestifo, Rommo Andru and John Smut; do not employ females under twenty-one years of age in box factory.

Detroit.

AINGER PRINTING CO.—At once do not allow any female under twenty-one years of age to operate Gordon Press.

L. C. BROSSY DYEING CO.—At once repair, clean and keep in more sanitary condition the toilets and wash room for your female employes.

W. J. CLARE.—Do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

COMMONWEALTH EXCHANGE.—At once comply with the provisions of Act 301 of the Public Acts of the State of Michigan of 1913 relative to private employment agencies.

DETROIT BAKING CO.—Designate the toilet on second floor for women only do not allow any men to use such toilet.

DETROIT CANDY CO.—At once clean and keep in more sanitary condition the toilets and wash rooms on second and third floors used by the females in your employ.

DISPATCH LAUNDRY.—Within two days clean and keep in more sanitary condition the toilets used by the women of your laundry.

EAGLE RESTAURANT.—Do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

D. M. FERRY.—Within twenty days provide proper wash rooms for your female employes.

E. J. FOLEY.—Do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

FULLER RESTAURANT.—At once do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

GOLM BROS.—Keep on file in your office working papers for all children under sixteen years of age.

GRAND LAUNDRY.—Within one day clean and keep in more sanitary condition the toilets used by the females of your laundry on the first floor.

HOME CANDY CO.—Within one day designate the toilet on second floor for "Women Only."

KAISER-BLAIR CO.—Do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

OAKLAND RESTAURANT.—Do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

JOHN PLATTE.—Do not allow your female help to work longer than ten hours in one day nor longer than fifty-four hours in any one week.

ROYAL MFG. CO.—Do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

M. SCHELLA.—At once clean and keep in more sanitary condition the cigar shop at 570 Horatio St.

SPIETZ & WORCH CO.—Do not allow your females to work longer than ten hours in any one day nor longer than fifty-four hours in any week; keep on file in your office working papers for all children under sixteen years of age.

STANDARD LAUNDRY.—Within one day provide proper light in toilet room on second landing, also clean and keep same in more sanitary condition.

RUBEN WALTERS.—At once clean and keep in more sanitary condition the toilet

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room used by the women of your employ; also clean and keep the cigar manufacturing room in more clean and tidy condition.

WOLST BAKING CO.—Do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

Fremont.

W. W. PEARSON.—Within one day provide stools for female help and make no rule to prohibit the use of same.

JAMES R. STANNARD.—Within one day arrange hours of all female employes so that they do not exceed fifty-four hours in any one week or more than ten hours in any one day.

Grand Ledge.

CITY STEAM LAUNDRY.—Within seven days screen bottom of stairs used by female employes leading to toilet.

CRAWFORD CHAIR CO.—Within seven days provide covered drinking water tanks with faucet for use by employes.

GRAND LEDGE TELEPHONE CO.—Within one day place toilet in proper sanitary condition.

WILLIAM GRANGER.—Within three days place men's closet in proper sanitary condition.

Grand Rapids.

D. BURLESON.—Within one day have toilet located on first floor, and used by females in the employ of the Economy Dye House, placed in proper sanitary condition and kept so.

CARGILL COMPANY.—Within one day place toilet and toilet room used by girls employed in building in proper sanitary condition.

DEWITT-POTTER CO.—Within one day place toilet in proper sanitary condition.

HEROLD-BERTSCH SHOE CO.—Within one day place toilet on top floor workroom in proper sanitary condition.

W. G. HERPOLSHEIMER.—Within thirty days provide proper toilet conveniences in building owned by you and rented to A. J. Plumb, located at 138 and 140 E. Fulton Street—toilet room must be well lighted and ventilated; proper conveniences must be provided within same time limit for girls to wash their hands; within thirty days provide proper toilet conveniences for employes of the Elmann Company, located in building owned by you at 144 E. Fulton Street—toilet must be well lighted and ventilated; within same time limit provide conveniences so girls employed there can wash their hands.

IDEAL CLEANING CO.—Within one day place toilet in proper sanitary condition.

HARRY KAUFMANN.—Within one day place toilet in basement in proper sanitary condition.

KEELER BRASS CO.—Within one day place all toilets in plant in proper sanitary condition.

KUPPENHEIMER CIGAR CO.—At once forbid men cigar makers under your supervision from using saliva from the mouth in the manufacture of cigars, also prohibit the practice of biting off the ends of the cigars with the teeth.

LUBETSKY BROTHERS.—Within three days provide three toilet seats for female employes, designating ladies' toilets as such; place toilets in proper sanitary condition; at once do not permit operators to use saliva from mouth in the manufacture of cigars.

JOHN S. NOEL CO.—Within three days screen bottom of stairs leading to basement where toilet is located.

SPROUL-MCGURRIN CO.—Within one day place toilet in proper sanitary condition.

Hastings.

H. L. NEWTON.—Within three days repair and place in a safe condition back platforms leading from back and side of exits of building owned by you and rented for moving picture purposes to Grant Muir and John Fulger; also provide steps leading to stage and have all doors swing outward to provide safety in case of fire.

Ionia.

H. B. BARNES.—Within twenty days provide a sanitary toilet in building owned by you and rented to Nick Pappos and Mr. Curtis the toilet now located on second floor of said building not being in sanitary condition and in such shape that it never can be put in sanitary condition.

T. R. BUCK.—Within four days have toilet room placed in proper sanitary condition; repair door of toilet so it can be locked.

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F. C. SIBLEY.—Within twenty days provide proper sanitary toilet conveniences for employes of the Standard Printing Company, located in building owned by you.

Kalamazoo.

BELL SHOE CO.—Within fifteen days provide proper separate toilet conveniences for female in your employ.

GEORGE T. BRUEN.—Within one day place toilet in basement in proper sanitary condition.

BRYANT PAPER CO.—Within one day place toilet in rag picking room in proper sanitary condition; within fifteen days enlarge toilet room used by girls employed in machine department and provide ventilation in same.

CABLE-NELSON PIANO CO.—Within seven days guard all elevator openings by automatic gates, traps or doors so constructed as to open and close by the action of elevator either ascending or descending.

MRS. JESSE C. DEAL.—Within five days repair and have placed in proper sanitary condition toilet in building owned by you and rented to Mr. Rosman and known as the Empire Lunch Room; also within fifteen days provide in same building proper and separate toilet conveniences for females employed in Empire Lunch Room.

GILMORE BROS.—Within one day provide stools for females employed in domestic goods department behind sheeting and gingham counters.

THE HOME FURNISHING CO.—Within seven days guard all elevator openings by proper traps, doors or gates so constructed as to open and close with the ascending and closing of elevator.

HUB RESTAURANT.—Within fifteen days provide sanitary and separate toilet conveniences within reasonable access for females in your employ, both sexes are not permitted to have access to same toilet.

IHLING BROS. EVERARD CO.—Within seven days provide room for girls to hang wraps.

ILLINOIS ENVELOPE CO.—Within one day place sink on second floor in proper sanitary condition; at once discharge Clement Pickett until such time as you have his working permit on file in business office.

J. R. JONES SONS CO.—At once provide a sufficient number of stools behind each counter in each department in store for accommodation of all females in your employ.

KALAMAZOO CANDY CO.—Within fifteen days provide proper toilet conveniences within reasonable access for female in your employ.

KALAMAZOO CORSET CO.—Within fifteen days guard all elevator openings in your manufacturing establishment with proper trap or automatic doors or automatic gates so constructed as to open and close by the action of the elevator either ascending or descending.

MARY E. MCNAIR.—Within thirty days provide proper toilet conveniences within reasonable access for females in the employ of Guelda Birt, milliner, whose establishment is located in McNair Block, 328 So. Burdick St.

MODEL BAKING CO.—Within one day place toilet in basement in proper sanitary condition; within three days provide suitable toilet conveniences for females in your employ.

HORACE PRENTICE & SON.—Within ten days provide at all elevator openings proper trap, or automatic doors or automatic gates so constructed as to open or close by the action of elevator either ascending or descending.

RED CAP MESSENGER SERVICE.—Within one day do not employ, permit or suffer any boy under the age of sixteen years to work for you in your messenger service as surroundings are such that their morals might be depraved by association connected with the work as conducted by you.

FRANK W. RUSSELL.—Within seven days guard all elevator openings by proper trap, or automatic doors or automatic gates so constructed as to open and close by action of elevator either ascending or descending.

HOTEL SAVOY.—Within three days place signs showing exits in case of fire.

H. SIMMERER.—Within one day place ladies' toilet in basement in proper sanitary condition.

Lake Odessa.

F. B. BIRCHARD, Manager, Citizens Telephone Company.—Within fifteen days provide proper toilet conveniences within reasonable access for use by females in employ of Citizens Telephone Company under your management; stairs now leading to toilet in use by girls must be made safe.

RALPH CAREY, Manager, Michigan State Telephone Company.—Within two days

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provide proper toilet conveniences for females in employ of exchange under your management; key must be provided to toilet so that it will not be used by the general public.

OTIS MINER.—Within seven days have earth closet emptied.

Lansing.

ALLEN PRINTING CO.—At once do not lock, bolt, nor fasten any doors leading from rooms where people are employed during working hours; place toilet in basement in proper sanitary condition.

ALEX ANDROS.—Within one day place water closet in basement in proper sanitary condition.

F. N. ARBAUGH CO.—Within one day place toilet in ladies' rest room on 5th floor in proper sanitary condition; ladies toilet in basement also needs attention.

BAUERLE CANDY CO.—Within ten days enclose toilet located in stairway leading to basement.

F. CARL BRACKETT.—Within two days place toilet on third floor in proper sanitary condition.

J. S. BRIGGS.—Within one day sweep down stairs leading to basement and sweep out toilet room in basement.

BROWNWALL ENGINE & PULLEY CO.—Within seven days provide light in toilet room used by female in your employ.

CAPITOL ELECTRIC SUPPLY CO.—Within one day place ladies' toilet in better sanitary condition.

CRYSTAL LAUNDRY.—Within one day place toilets in proper sanitary condition; repair seat on ladies' toilet.

DELL & SON.—Within one day place toilet in proper sanitary condition.

GIER-DAIL MFG. CO.—Within five days enclose bottom of stairs leading to workroom on second floor where females are employed; within two days place ladies' toilet in proper sanitary condition.

MRS. S. M. GREGAR, 294 Forest Avenue West, Detroit.—Within thirty days provide proper sanitary toilet conveniences in store owned by you, located at 307 N. Washington Street, Lansing, Michigan, and rented to H. C. Milne, said toilet to be well lighted and ventilated.

GRINNELL BROS. CO.—Within three days designate ladies' toilet by sign and do not permit those of the opposite sex to have access to same.

LANSING CO.—Within sixty days provide proper wash and dressing room and proper toilet conveniences for female employes.

ISAAC LEDERER, Ashland Ave. & 42nd St., Chicago.—Within thirty days provide separate and proper toilet conveniences within reasonable access for employes in the John Buehler store, located at 109 No. Washington Ave., Lansing, Michigan, said store being conducted in building owned by you.

LITTLE DOWNEY RESTAURANT.—Within two days place water closet in proper sanitary condition.

ANSON LONGSTREET.—Within three days provide proper toilet conveniences for employes of the Eclipse Rod Company, located at 331 Michigan Avenue East, in building owned by you.

GEORGE MARSHALL.—Within ten days extend to ceiling partition of toilet in store rented to Peoples Credit Clothing Company, located at 301 Washington Ave. South, said property being owned by George Isbell for whom you are acting as agent, also provide ventilation in said toilet.

MICHIGAN KNITTING CO.—Within three days repair leak in pipe in toilet room on third floor of factory; within one day place toilets in better sanitary condition.

MICHIGAN SHIRT CO.—Within one day place ladies' toilet and toilet room in proper sanitary condition; within fifteen days provide light in ladies' toilet room.

CHARLES M. NORTON.—Within fifteen days guard elevator opening by automatic working trap.

JAMES O'CONNOR.—Within one day place sink in proper sanitary condition.

OLDS MOTOR WORKS.—Within one day place toilet and toilet room provided females employed in the trim shop in proper sanitary condition.

THE ROYCROFT PRINTING CO.—Within two days place toilet in proper sanitary condition.

T. H. SEDINA.—Within two days place ladies' toilet in proper sanitary condition.

FREDERICK THOMAN.—Within sixty days, in accordance with Section 17 of Act No. 285 of the Public Acts of 1909, as amended, provide proper sanitary toilet conveniences in building owned by you, located at 307 No. Washington Avenue, Lan-

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sing, and rented to H. C. Milne for grocery store, said toilet to be properly lighted and ventilated.

UNITED ENGINE CO.—Within one day place toilets in proper sanitary condition.

F. W. WOOLWORTH & CO.—Within one day place ladies' toilet in proper sanitary condition.

Lowell.

CHARLES JAKAWAY & CO.—Within seven days provide hand rail on stairs leading to bean picking room on second floor; extend door of toilet to floor; within one day file working permits issued by superintendent of schools for all employes between fourteen and sixteen years of age; do not at any time permit children under fourteen years of age to work in elevator.

L. P. THOMAS & CO.—Within seven days provide proper conveniences for the girls employed in bean elevator to wash their hands; do not permit use by female employes of common drinking water pail and common drinking water cup.

Owosso.

F. ABERLE.—Within ten days provide proper sanitary toilet conveniences for girls employed in building owned by your father and rented to J. H. Evans.

ARCADE RESTAURANT.—Within one day place toilets in proper sanitary condition.

F. H. CHAPELL.—Within one day place toilet in proper sanitary condition.

CITY STEAM LAUNDRY.—Within two days place toilets in proper sanitary condition.

M. D. COREY.—Within ten days provide proper ventilation in toilet rooms in factory building owned by you and rented to Imperial Garment Company.

FRED CRAIG.—Within one day place earth closet in proper sanitary condition.

L. C. HALL.—Within seven days repair pipe in bean picking room so girls can have use of sink to wash hands.

MICHIGAN STATE TELEPHONE CO.—Within one day place toilet in proper sanitary condition.

E. M. MILLER.—Within three days provide light in toilet room in basement of store building rented to J. J. Davis for dry goods store, located in Owosso and owned by H. G. and G. M. Wesener.

MRS. N. PATTERSON.—Within thirty days provide proper sanitary toilet conveniences for female in the employ of C. C. Duff in building owned by you.

MISS E. M. SHAW.—Within two days place toilet in proper sanitary condition.

AUGUST STEPHAN.—Within one day place toilets used by employes in proper sanitary condition; do not permit cigar makers to use saliva from the mouth in the manufacture of cigars; at once discharge twelve year old boy.

MRS. A. M. THOMAS.—Within thirty days provide proper toilet conveniences for employes and proprietors of the LaMont and Doodly Plumbing store owned by you and located at 329 W. Main Street.

Plymouth.

WM. W. VAUGHAN CO.—Do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

Pontiac.

BEATTIE & SACHSE.—Clean and keep in more sanitary condition the toilet used by the women of your employ.

Portland.

MICHIGAN STATE TELEPHONE CO.—Within two days place ladies' toilet in proper sanitary condition.

Saginaw.

JAMES A. ADAMS.—Within thirty days provide separate and distinct toilet conveniences for females in the employ of Miss T. Armstrong, Milliner, located in building owned by Susan E. Adams, said toilet to be properly lighted and ventilated, and key to same given to Miss T. Armstrong.

J. A. ADAMS & SON.—Within one day place toilet in proper sanitary condition; at once discharge thirteen year old boy.

AMERICAN PAPER BOX CO.—Within one day place ladies' toilet room in proper sanitary condition—floor needs to be scrubbed; stairs leading to workroom also need to be cleaned.

BANCROFT HOTEL.—Within three days provide screens for all outdoor openings in kitchen; at once file working permits for all children between fourteen and sixteen years of age.

BRAND & HARDIN MILLING CO.—Within thirty days provide another toilet for girls employed in bean elevator.

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COLUMBIA WESTERN MILLS.—Within one day make such arrangements that the females employed in plant leave at night before the male employes; within seven days provide light in all toilet rooms and place same in proper sanitary condition.

EVERETT HOTEL.—Within one day repair window and door screens in kitchen; within seven days freshly paper walls in help's dining room; also within same time have carpets in rooms of female employes thoroughly cleaned; at once file working permit for Gladys Hooper who is under sixteen years of age.

H. HAMILTON.—Within one day place toilet in proper sanitary condition.

J. JEFFERS, JR.—Within fifteen days provide separate and distinct toilet conveniences, properly lighted and ventilated, and within reasonable access for females employed in store owned by Jeffers Estate, located at 507 Genesee, and rented to the Singer Sewing Machine Company; within seven days arrange separate toilet conveniences in the New England Lunch Room, located at 407 Genesee, and owned by Jeffers Estate; if toilet off kitchen is designated for ladies' use the urinal must be removed from toilet room.

HOTEL LESHER.—Within one day repair screens at kitchen openings; place all toilets in proper sanitary condition.

MORRIS LIBOFSKY.—Within one day place toilet in proper sanitary condition; within three days provide light in toilet room.

E. W. MORLEY & SON.—Within fifteen days provide proper toilet conveniences in building owned by you, located at 106 and 108 E. Tuscola Street, and rented to F. H. Heinlem & Co. and to McNally Vulcanizing Company, said toilets to be properly lighted and ventilated.

POSTAL TELEGRAPH CO.—At once do not permit any person under the age of eighteen years to be employed between the hours of ten o'clock P. M. and five o'clock A. M. in the transmission distribution or delivery of messages or merchandise.

SAGINAW MFG. CO.—Within one day discharge Anna Kawkowsky, Wm. Collison, Roy Butts, Wm. Gierdejkl and Jos. Siminske until working permits are filed for them; file birth records for John Gnotdk, Martin Moschina, F. J. Roberts, Floyd Butts and Alex Kraus.

SAGINAW VALLEY HOME TELEPHONE CO.—Within one day have toilet bowls placed in sanitary condition; within seven days arrange switch board in long distance room so that girls will be provided with better light to work in.

SAM SEITNER.—Within one day place ladies toilet room in proper sanitary condition.

SCHUST BAKING CO.—Within seven days provide proper and suitable seats for all females and do not make any rules or regulations preventing the use of such stools or seats at reasonable times; at once file working permits for Kathryn Carroll, Jennie Dutkiewiez and Amelia Niedbalska who are under sixteen years of age.

VALLEY SWEETS CO.—Within two days see that all outdoor openings (windows, doors, etc.) are protected by screens to keep out flies.

W. H. WILMOT.—Within two days repair window and door screens in restaurant to keep out the flies.

WITTERS LAUNDRY.—Within one day place ladies' toilet in proper sanitary condition; repair broken seat of toilet; within seven days provide light in ladies' toilet room.

WOLVERINE CIGAR CO.—Within three days repair both toilets on second floor of factory so they will flush; within one day have bowls of both toilets placed in proper sanitary condition; within one day scrub floors in both toilet rooms.

WRIGHT HOTEL.—Within two days place lock or bolt on inside toilet door on third floor.

WRIGHT HOTEL GRILL.—Within two days guard all outdoor openings in kitchen by screens to keep out flies.

St. Johns.

JOHN HICKS.—Within one day sweep out earth closet, and within seven days have earth closet emptied.

ST. JOHNS STEAM LAUNDRY.—Within ten days provide better ventilation in ironing room.

CLINTON TELEPHONE CO.—Within one day place toilet room in proper sanitary condition.

STEEL HOTEL.—Provide heat in the rooms of your female employes during the cold weather.

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Wyandotte.

A. LOEFFLER & Co.—Do not allow female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

MELODY BROS.—Do not allow your female help to work longer than ten hours in any one day nor longer than fifty-four hours in any one week.

NIAGARA LAUNDRY.—Keep on file in your office working papers for all children under sixteen years of age.

J. H. BISHOP Co.—Within two days repair, clean and keep in more sanitary condition the wash and toilet room used by the females of your employ.

ORDERS ISSUED FOR PUBLIC BUILDINGS IN 1913.

BENZIE COUNTY.

Benzonia.

BENZONIA ACADEMY.—Within ninety days provide a fire escape at south side of Girls' Dormitory, with landings at second and third floors, same to be built according to specifications.

BERRIEN COUNTY.

Buchanan.

UNION BLOCK.—Within sixty days cause to be erected a fire escape on south end of building from third story to ground, according to state specifications.

Niles.

BEESON BLOCK.—Within sixty days cause to be erected a fire escape on block, extending from window of third story to street, in compliance with state specifications.

COLORED LODGE ROOM.—Within sixty days cause to be erected a fire escape on the south end of said hall extending to the ground, in accordance with state specifications.

I. O. O. F. HALL.—Within sixty days cause to be erected a fire escape on south end of building, extending to the ground, in compliance with state specifications.

K. OF M. HALL.—Within sixty days cause to be erected a fire escape on the east side of building on the southwest corner of Main and Second Streets.

MASONIC HALL.—Within thirty days cause to be erected a fire escape on the north end of building leading from window of Masonic Hall, with landings at second and third floors, according to state specifications.

MOOSE HALL.—Within sixty days cause to be erected a fire escape, in accordance with state specifications, on the south end of Hall, extending from third story to building in rear of said Hall.

W. O. W. HALL.—Within sixty days cause to be installed a fire escape on said hall, extending from south window to the ground, in accordance with state specifications.

CALHOUN COUNTY.

Albion.

ALBION COLLEGE.—Within thirty days make opening from rear stairway in Chapel Building to rear exit; make main entrance doors and rear exit doors swing outwardly; equip outside exits of Robinson Hall, North Building and Chapel Building with bolt draw levers; paint two escapes on North Building.

Battle Creek.

THE PETERSON BLOCK.—Within thirty days equip building with fire escape, same to be placed on rear of building, with balconies at each floor of sufficient length to include at least two windows at each balcony, escape to be made according to specifications.

CASS COUNTY.

Marcellus.

IRON HAND LODGE No. 314 I. O. O. F.—Within thirty days cause to be erected a fire escape, in accordance with state specifications, on rear of building.

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CHARLEVOIX COUNTY.

Boyne City.

WESTERN UNION TELEGRAPH CO. (Chas. Lusk, Agent for building).—At once provide sanitary water closet in said building.

CRAWFORD COUNTY.

Frederic.

CHAS. CRAVEN (SUPERVISOR).—Within sixty days install a fire escape on the west side of Frederic town hall, the same to be built according to state specifications.

DICKINSON COUNTY.

Iron Mountain.

FISHER BLOCK.—Within sixty days place a fire escape on the side of the building, according to specifications left with Mr. Oliver Evans, Manager of the building.

EMMET COUNTY.

Alanson.

FLICK'S HALL.—At once provide stair at rear of hall to be used as an exit; change door at rear of hall so as to swing outwardly.

Petoskey.

REINHART BLOCK.—At once provide sanitary toilet and water closet in building; put new beam in ceiling of store to support west end of main building.

GRAND TRAVERSE COUNTY.

Traverse City.

DAVE WYNEKOOP (Owner of building occupied by the Montague Garage and the Traverse City Casket Co.)—At once erect a railing on both your stairways; equip your boiler with an approved low water alarm; repair elevator and put it in a safe condition, also equip same with automatic gates; put first floor in a safe condition by supporting it from the basement.

INGHAM COUNTY.

Lansing.

OAKLAND BUILDING.—Within thirty days erect fire escape at the north end of building to comply with state specifications furnished.

QUINCY APARTMENT.—Within five days remove all rubbish in basement and garret, also have front door swing outwardly.

F. THOMAN.—Within sixty days install a fire escape on the building occupied by the Wynkoop Hallenbeck Crawford Company, the same to be built according to state specifications and to be on the east side of building; within sixty days install a fire escape on the south end of your block No. 122 East Ottawa Street, occupied by the Bement Stove Company and the Volunteers of America, the same to be built according to state specifications.

ASSEMBLY HALL, (Jacob Stahl, owner).—At once build a fire escape on your building, northwest corner of Washington and Shiawassee Sts., the same to be built according to state specifications and to be placed on the south side of building.

KINNEY & CREYTS.—At once build a fire escape on your building occupied by the Order of Owls and the International Publishing Company, the same to be built according to state specifications.

IONIA COUNTY.

Belding.

A. M. HALL.—Within thirty days change door to hall on rear entrance to City Hall to swing outwardly; also put a low water alarm of approved pattern on boiler in basement of building.

Ionia.

IONIA COUNTY COURT HOUSE.—Within thirty days change all doors at main entrances to swing outwardly.

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KENT COUNTY.

Caledonia.

KENNEDY'S HALL.—Within thirty days change all doors so they will swing outwardly; provide proper toilets for building; provide hand rail on stairway.

Grand Rapids.

DAANE HALL.—Within thirty days equip building with fire escape, the same to be located on the south side at two center windows.

J. & D. LONDON.—Within thirty days provide a platform extending from hall to building in rear for use in case of fire, said platform to be located at double windows near southwest corner of building; also provide means whereby persons can descend from building in rear.

UNITED AMERICAN HALL.—Within fifteen days change doors in rear of building to swing outwardly.

WOODMEN HALL.—Provide fire escape on rear of building at center window.

MACKINAC COUNTY.

Cedarville.

YOUNG BROTHERS ROLLER RINK.—At once change the door at the bottom of stair used as exit door to swing outwardly; guard rear door of rink by cutting door in two and keeping the lower part securely fastened.

MANISTEE COUNTY.

Bear Lake.

I. O. O. F. BUILDING.—At once erect a fire escape as per the plans and specifications left by me on the 22nd day of August, 1913, said fire escape must be from the top floor down on the rear end of the building.

Manistee.

KIRSTER BLOCK, (occupied by the I. O. O. F. Lodge).—Erect a fire escape on said building in the rear according to plans and specifications left on August 28th, 1913; change all doors to swing outwardly.

NEWAYGO COUNTY.

Grant.

NELS JENSEN (Owner of building occupied by the Maccabee Lodge).—At once equip said building with a fire escape as per the plans and specifications furnished with order.

OAKLAND COUNTY.

Pontiac.

O. J. BEAUDETT BUILDING.—Within sixty days erect fire escape in the alley side of building, to take in the sixth window on third floor counting from front of building, balcony to be four feet wide and eight feet long, also take in the sixth, seventh and eighth windows on second floor counting from front of building, balcony to be four feet wide and to be built according to state specifications; change window on third floor to door to open out on fire escape.

CLINTON HALL BLOCK.—Within sixty days provide stairway on the rear of building four feet wide, leading from third to second floor hall; also provide stairs in rear of building four feet wide from second floor rear hall leading to alley, to be used in case of fire in building Nos. 42 to 46 N. Saginaw Street.

CROFOOT BUILDING.—Within sixty days erect fire escape on the front of building to take in third and fourth windows on each floor above the first counting from East Lawrence Street, to be built according to state specifications delivered; make outside doors leading to street to open outwardly.

DAVIS BLOCK.—Change doors to swing outwardly.

DETROIT UNITED RAILWAY.—Within five days change doors on your waiting room to swing outwardly.

HOWLAND ROLLER RINK.—Within sixty days erect fire escape on the rear of building, to take in the two center windows on each floor above the first; cut down one window on third floor even with the floor and put in door to open out on fire escape, balconies to be four feet wide and to be built according to state specifications; change doors on third floor to swing outwardly.

JACKSON BLOCK BUILDING.—Within sixty days erect fire escape on N. Perry Street side of building, to take in one window on third floor toward front of building, balcony to be four feet wide and eight feet long; also take in second and third

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windows on second floor from front of building, balcony to be four feet wide and to be built according to state specifications; change window on third floor to door to open out on fire escape.

JACOBS BUILDING.—Within sixty days erect fire escape on the front of building No. 15 N. Saginaw Street, to take in two windows on each floor toward south end of building, to be built according to state specifications delivered.

MASONIC TEMPLE.—Within sixty days provide stairway from rear of third floor leading to second floor, same to be four feet wide; erect fire escape on the second floor of the three story building to take in second and third windows counting from rear of three story building, balcony to be four feet wide and to be built according to state specifications delivered.

NATIONAL BLOCK.—Erect fire escape on the Lawrence Street side of building.

ODD FELLOWS TEMPLE.—Within sixty days erect fire escape on the front of building to take in two windows on each floor above the first toward the west end of building, balconies to be four feet wide and to be built according to state specifications delivered.

OSMAN & GRALEY.—Within fifteen days provide railings on all stairways in building.

TURK BLOCK.—Within thirty days change door on building to swing outwardly.

SAGINAW COUNTY.

Saginaw.

EMIL JOCHEN.—Within thirty days place a sanitary closet or cause to be placed in 2620 building on South Washington in said city.

St. Charles.

POWER HOUSE No. 2.—You are hereby ordered to place all dangerous machinery around said plant in a safe condition; guard all fly wheels and belts, and place low water alarm in working condition as soon as possible, and cover all wires that are uncovered.

VAN BUREN COUNTY.

Bangor.

GRAND ARMORY HALL.—Within ten days cause all doors leading out from said hall to open outwardly.

ODDFELLOWS LODGE.—Within thirty days cause to be erected a fire escape on either the east or south end of the brick two story building now being used for lodge purposes, said fire escape to be in accordance with state specifications furnished; change all doors so they will swing outwardly.

THE WEST MICHIGAN SAVINGS BANK.—Within ten days cause the doors leading from the Masonic Hall to open outwardly.

Lawrence.

MARSHALL BLOCK.—Within thirty days cause to be erected a fire escape on the west side of building in accordance with state specifications, said fire escape to extend from third story to ground; change door leading from kitchen to open outwardly.

Paw Paw.

COUNTY JAIL.—Within ninety days install low water alarm on boiler under court house and jail.

E. SMITH BLOCK.—Cause the door leading from the second story on the east side of said block, that being the exit to the Knights of Pythian Hall, to open outwardly.

LONG BRICK BLOCK.—Within thirty days cause to be erected a fire escape, in accordance with state specifications, on the south end of said building, extending from the third story to the ground.

South Haven.

CHICAGO-SOUTH HAVEN LINES.—Within thirty days have double door not less than six feet opening out of the east end of Pavilion Hall, located on dock in the city of South Haven.

WASHTENAW COUNTY.

Ann Arbor.

MICHIGAN STATE TELEPHONE CO.—Within sixty days erect a fire escape on building.

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WAYNE COUNTY.

Detroit.

BAMLET BUILDING.—Within ten days provide automatic gates for freight elevator openings in Bamlet Building, Cor. Griswold and Grand River.

HALL BUILDING.—Within twenty days extend balcony of fire escape on second floor to take in three windows on Griswold Street side of building toward Michigan Ave., balcony to be four feet wide with proper drop ladder, to be built according to state specifications delivered; make main doors to open outwardly.

BRYANT WALKER.—Within thirty days erect fire escape on front of building Nos. 51, 53, 55 and 57 Shelby Street, to take in fifth, sixth, seventh and eighth windows above the first counting from Larned Street West, balconies to be four feet wide to be built according to specifications; cut down fifth and eighth windows even with floor on fifth floor and put in doors to open out on fire escape.

TECUMSEH BUILDING (Owned by Security Trust Co.).—Within thirty days erect fire escape on the side of the six story building, Nos. 55 and 57 Fort St. W. to take in two windows on each floor above first toward south end of said building on Shelby Street, balconies to be four feet wide and to be built according to state specifications delivered; at once put elevator doors in safe condition.

FRANCIS HYDE (Agent, Estate of James McMillan).—Within thirty days erect fire escape on the front of building Nos. 81 to 89 West Woodbridge St., to take in four windows on each floor above the first at the northeast end of building, balconies to be four feet wide and to be built according to state specifications delivered, said building being occupied by the Colonial Garment Company.

J. JORDAN (Agent, Baldwin Estate).—Within ten days provide hand rail for stairway in building on Corner Broadway and Grand River E.

CHARLES RITTER.—Within thirty days erect a fire escape on front or east side of building No. 2724 Grand Boulevard, same to take in two windows on each floor above the first, balconies to be four feet wide and built according to specifications.

FRANK RENAUD.—Within six days provide two or more arc lights for the benefit of female employes of the DeLuxe Laundry Company at 59 Fort St. E.; provide building with signal system to engine room to be used in case of emergency.

A. MARTZ.—Within six days provide hand rail for stairs leading to second floor of building 693 Gratiot Ave.

FRANK BIELMAN.—Repair and put in sanitary condition the toilets on third and fourth floors, also designate toilet on fourth floor "For Ladies Only."

WEXFORD COUNTY.

Cadillac.

GEO. D. VAN VRANKEN (Owner of building occupied by the Fair Store).—Within fifteen days erect another toilet in said building to be used by the female help employed in the Fair Store.

C. E. RUSSELL (Owner, American House Block).—At once equip barber shop and cigar storeroom with a clean and sanitary toilet.

ORDERS ISSUED FOR STORES IN 1913.

ALGER COUNTY.

Munising.

BISSELL & STEBBINS.—Place on file working papers for boy under sixteen years who is working in store before and after school hours.

ALPENA COUNTY.

Alpena.

REYNOLDS DRY GOODS CO.—At once file permit for one boy between fourteen and sixteen years of age.

BARRY COUNTY.

Nashville.

W. B. CORTRIGHT.—At once arrange the hours of your female clerks so they do not work more than ten hours in any one day nor more than fifty-four hours in one week; provide seats for females when not engaged in active work.

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BAY COUNTY.

Bay City.

SMALLEY PAINT & GLASS CO.—At once install water closet.

BAY CITY CASH DRY GOODS CO.—Guard elevator opening according to law.

BAY CITY HARDWARE CO.—Guard all elevator openings.

WM. LOOSE.—Guard all elevator openings according to law.

THE RECHLIN HARDWARE CO.—Guard elevator opening according to law.

THE HAWLEY DRY GOODS CO.—Make such arrangements that girls employed on third floor do not have to walk to second floor for change every time sale is made.

BERRIEN COUNTY.

Benton Harbor.

E. J. DENSMORE.—File permit for one boy between fourteen and sixteen years of age.

CALHOUN COUNTY.

Battle Creek.

DOBBINS HARDWARE CO. (Order served on J. H. Callahan, owner of building).—Within thirty days provide proper and separate toilet conveniences for females in the employ of the Dobbins Hardware Company, located in building owned by you at 36 East Main Street; also within fifteen days guard all elevator openings in said building by automatic traps, doors or gates so constructed as to open and close with ascending or descending of elevator.

C. E. FISHER CO. (Order served on Miss Mary Wakelee, owner of building).—Within twenty days provide proper toilet conveniences, well ventilated and lighted, for females employed by the E. C. Fisher Company, in building owned by you and located at 12 and 14 W. Main Street.

C. C. THOMA (Order served on M. H. Chadwick, owner of building).—Within fifteen days provide separate toilet conveniences for employes in C. C. Thoma's store.

BAKER DRUG CO.—Within fifteen days provide proper sanitary toilet conveniences for employes at store of the Baker Drug Company, said toilet to be enclosed, well lighted and ventilated.

TOELLER-DOLLING CO.—Within two days designate ladies' toilet on third floor as such; have wash bowls placed in proper sanitary condition; at once and at all times you must keep the temperature of the store perfectly comfortable for the females in your employ.

Marshall.

NICK BLASS.—At once discharge boy under fourteen years of age.

EMMET COUNTY.

Petoskey.

THE CHATTAWAY CO.—At once provide automatic gates on elevator.

BLEASBY BROS.—At once file permit for one boy between fourteen and sixteen years of age.

HOUGHTON COUNTY.

Calumet.

VERTIN BROS. & CO.—Arrange as soon as possible to place toilets in a sanitary condition; have low water alarm on boiler put in good condition and instruct man in charge of steam boiler to report at once when alarm is not in working order.

Hancock.

THE GARDNER DEPARTMENT STORE.—Place another toilet in store for use of female help.

Houghton.

F. W. WOOLWORTH & CO.—File permit for boy under sixteen years of age.

Lake Linden.

JOHN PEIFFER.—Provide toilet in store.

M. LAPLANTE.—Provide toilet in building.

INGHAM COUNTY.

Lansing.

MILNE GROCERY CO. (Order served on Frederick Thoman, owner of building).—Within sixty days, in accordance with Section 17 Act No. 285 of the Public Acts

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of 1909, as amended, provide proper sanitary toilet conveniences in building owned by you, located at 307 No. Washington Street, Lansing, and rented to H. C. Milne for grocery store, said toilet to be properly lighted and ventilated.

JOHN BUEHLER (Order served on Isaac Lederer, owner of building).—Within thirty days provide separate and proper toilet conveniences within reasonable access for employes in the John Buehler store, located at 109 No. Washington Ave., Lansing, said store being conducted in building owned by you.

IONIA COUNTY.

Belding.

SCOTT'S CASH & CREDIT CLOTHING CO.—At once arrange hours of female help to conform with fifty-four hour law.

Clarksville.

M. T. LAMONTE & CO.—At once obtain permit for boy to work in store after school and Saturdays.

Ionia.

THE WRIGHT DRY GOODS CO.—Within thirty days provide separate toilet for females.

Portland.

J. A. MCCLELLAND & SON.—Within thirty days furnish separate toilet room for female employes.

JACKSON COUNTY.

Jackson.

BROWN, DAVIS & WARNER.—Within ten days provide guards around elevator shafts in basements.

KALAMAZOO COUNTY.

Kalamazoo.

THE BELL SHOE CO.—Within fifteen days provide proper separate toilet conveniences for female in your employ.

BRUEN DRY GOODS CO.—Within one day place toilet in basement in proper sanitary condition.

CABLE-NELSON PIANO CO.—Within seven days guard all elevator openings by automatic gates, traps or doors so constructed as to open and close with ascending or descending of elevator.

J. R. JONES SONS & CO.—At once provide sufficient number of stools behind each counter in each department in store for accommodation of all females in your employ.

QUALITY DRUG STORES CO.—Within twenty days equip elevator with automatic gates.

THE HOME FURNISHING CO.—Within seven days guard all elevator openings by proper traps, doors or gates so constructed as to open and close with the ascending or descending of elevators.

FRANK W. RUSSELL.—Within seven days guard all elevator openings by proper traps, or automatic doors or automatic gates so constructed as to open and close by action of elevator either ascending or descending.

KENT COUNTY.

Grand Rapids.

J. & D. LONDON.—Within thirty days provide a platform extending from hall to building in rear for use in case of fire, said platform to be located at double windows near southwest corner of building; also provide means whereby persons can descend from building in rear.

MANISTEE COUNTY.

Bear Lake.

J. KINGSCOTT & CO.—At once erect a fire escape on the rear of your building from the top story down, as per the plans and specifications left by me on the 22nd day of August, 1913.

O'ROURKE & IVERSON (Order served on I. O. O. F., owners of buildings).—At once erect a fire escape as per the plans and specifications left by me on the 22nd of August, 1913, said fire escape must be from the top floor down on the rear end of the building.

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Manistee.

H. B. LARSEN.—At once furnish at least two dozen more stools, placed and distributed behind the counters, to be used by the female help when not at work and you must not forbid the use of same.

MACKINAC COUNTY.

Mackinac Island.

J. W. DAVIS & SONS.—At once make such arrangements so as not to permit females in your employ to work for a longer period than ten hours in any one day or more than fifty-four hours in any one week.

L. E. EDWARDS.—Do not permit females in your employ to work more than ten hours in any one day nor more than fifty-four hours in any one week; file permits for all children between fourteen and sixteen years of age.

FRANK KRIESCHE.—Do not permit females in your employ to work for a longer period than fifty-four hours in any one week nor more than ten hours in any one day; file permits for all children between fourteen and sixteen years of age; at once provide seats for female employes to use when not busy.

PORTO RICO HAT CO.—At once do not allow your female employes to work more than ten hours in any one day nor more than fifty-four hours in any one week.

J. H. SCHMEGLER.—At once file permits for all children between fourteen and sixteen years of age; do not permit females in your employ to work more than fifty-four hours in any week nor more than ten hours in any one day.

MRS. M. SCHMEGLER.—Do not permit females in your employ to work for a longer period than ten hours in any one day nor more than fifty-four hours in any one week; file permits for all children between fourteen and sixteen years of age.

LOUIS WINKELMAN.—At once install toilet room for females.

MARQUETTE COUNTY.

Marquette.

A. L. HUETTER.—At once arrange not to work your female help longer than permitted by law.

MECOSTA COUNTY.

Big Rapids.

W. A. STILLWELL.—Place stools behind counters; file permit for boy under sixteen years of age.

MONTCALM COUNTY.

Stanton.

M. W. STEVENSON.—Arrange the hours of your female employes so they will not exceed fifty-four in any one week.

VAN BUREN COUNTY.

Bangor.

JAMES P. RYAN.—Within thirty days provide two stools for lady clerks on each side of store, said stools to be stationary wind stools.

Paw Paw.

RACKET STORE.—Within ninety days cause to be installed on steam boiler under your store a low water alarm.

WASHTENAW COUNTY.

Ann Arbor.

GEO. GEISENDORFER.—Within one day place water closet in proper sanitary condition.

S. S. KRESGE CO.—Provide more stools for female employes.

KYER & WHITKER.—Within one day place toilet on second floor in proper sanitary condition; within fifteen days guard all elevator openings by automatic doors, gates or traps so constructed as to open and close with ascending or descending of elevator.

MUEHLIG & SCHMID.—Within thirty days guard all elevator openings by automatic gates, doors or traps so constructed as to open and close with ascending or descending of elevator.

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WAYNE COUNTY.

Detroit.

THE J. L. HUDSON CO.—At once remove lock on door leading to millinery shop.

B. H. MANNING.—Within thirty days make an opening in rear wall of store No. 253 Woodward Ave for the purpose of more ventilation, to be at least 3 x 12 feet in size.

ORDERS ISSUED FOR SCHOOL HOUSES IN 1913.

ALCONA COUNTY.

Harrisville.

SCHOOL DISTRICT No. 1.—Within ninety days install a fire escape on the north side of your schoolhouse, the same to be constructed according to state specifications.

ALGER COUNTY.

Indian Town.

INDIAN TOWN SCHOOL.—Arrange to have doors swing outwardly.

Munising.

FROBEL SCHOOL.—Have plumbing for heating placed in good condition, and have hand railing placed on stairway leading to toilet in basement.

WEST WARD SCHOOL.—Arrange to place plumbing for heating in safe condition.

ALLEGAN COUNTY.

Allegan.

GRAMMAR BLDG.—Remove boiler and cooking department from basement.

Douglas.

DOUGLAS PUBLIC SCHOOL.—Provide rubber matting on stairs.

Saugatuck.

NO. 2 FRACTIONAL DISTRICT SCHOOL.—Provide rubber matting on stairs.

ALPENA COUNTY.

Alpena.

AVERY SCHOOL.—At once remove plaster on ceiling in main hall; reinforce the tow carrying cords in basement by providing brick column beneath same.

ANTRIM COUNTY.

Bellaire.

BELLAIRE PUBLIC SCHOOL.—At once have storm doors made same width as main doors.

BARAGA COUNTY.

L'Anse.

L'ANSE GRADE SCHOOL.—Have a fire escape placed on building before next term, when second floor will be used.

L'ANSE HIGH SCHOOL.—Discontinue the use of roller towels.

BARRY COUNTY.

Vermontville.

VERMONTVILLE SCHOOL BOARD.—Within twenty days cover ceiling above furnace chimney with asbestos sheet at least one-half inch thick; provide lever draw bolts for main entrance doors.

Hastings.

HASTINGS SCHOOL BOARD.—Within thirty days make all doors in High School and 4th Ward Grade School Buildings swing outwardly.

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BENZIE COUNTY.

Frankfort.

FRANKFORT PUBLIC SCHOOL.—At once equip boiler with an approved low water alarm.

BERRIEN COUNTY.

New Buffalo.

NEW BUFFALO DISTRICT SCHOOL.—Within thirty days provide said school with fire gong and see that they they have fire drills.

Niles.

EAGLE STREET SCHOOL.—Change all doors so they will open outwardly.

LACY SCHOOL BUILDING.—Change all doors so they will open outwardly.

NORTH PRIMARY SCHOOL BUILDING.—Within ten days change outer doors so they will swing outwardly.

CALHOUN COUNTY.

Battle Creek.

BATTLE CREEK HIGH SCHOOL.—Within thirty days provide bolt levers on all double door exits; also provide stationary fire gongs in buildings not provided with same, gongs to be so arranged that they may be operated from any floor.

Albion.

ALBION COLLEGE CHAPEL BUILDING.—Within thirty days make opening from rear stairway to rear exit; make main entrance doors and rear exit doors swing outwardly; provide outside exits with bolt drawn levers.

CHARLEVOIX COUNTY.

Bayshore.

SCHOOL DISTRICT NO. 5.—At once put water closet in a sanitary condition; provide better draft to heating plant; change front and rear doors so as to open outwardly.

Charlevoix.

ST. MARY'S SCHOOL.—At once arrange to have fire drills at least twice each school month.

CHIPPEWA COUNTY.

Trout Lake.

ROOSEVELT SCHOOL.—At once repair landing on stairs; establish and maintain fire drills at least once a month; provide gong for fire alarm.

Sault Ste. Marie.

MCKINLEY SCHOOL.—At once extend fire escape so as to reach the ground; have storm doors made same width as inside doors.

PARK SCHOOL.—At once provide sanitary drinking fountains or provide individual drinking cups for all pupils.

EATON COUNTY.

Charlotte.

HIGH SCHOOL BUILDING. Within thirty days provide fire escape on High School Building, balconies to extend from second to third windows of second floor on south side of building, said fire escape to be constructed as per specifications; make all doors swing outwardly; improve sliding door bolts on outside door.

Eaton Rapids.

HIGH SCHOOL BUILDING.—Within thirty days place steps at both exits on north side of High School Building and make storm doors same width as main doors.

Grand Ledge.

GRAND LEDGE SCHOOL BOARD.—Within thirty days make all class room doors swing outwardly in both school buildings.

Olivet.

SHIPERD HALL.—Within thirty days make main entrance doors of Shiperd Hall swing outwardly and provide draw bolt levers for front doors; place fire escape on north side of building from the fourth floor, as per specifications; make entrance doors of chapel building swing outwardly.

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EMMET COUNTY.

Alanson.

ALANSON PUBLIC SCHOOL.—At once install hand rail on basement stairs.

Harbor Springs.

HARBOR SPRINGS SCHOOL.—Change door leading to girls toilet so as to swing outwardly; provide drinking fountains on all floors.

Pellston.

PRIMARY SCHOOL.—Provide hand rail on basement stairs.

GOGEBIC COUNTY.

Ironwood.

MANUAL TRAINING BUILDING.—Within ten days provide guard on upper wheel of band saw, also spreader on rip saw; guard emery wheels.

ST. AMBROSE SCHOOL.—Within sixty days provide fire escape according to specifications.

GRAND TRAVERSE COUNTY.

Traverse City.

L. L. TYPER, (Superintendent of Traverse City Schools).—Within thirty days arrange to have the Central High School Building equipped with a fire gong system; in the Oak Park School Building you will have to put a protection over stovepipe in basement.

GRATIOT COUNTY.

North Star.

DISTRICT No. 1 SCHOOL.—Before using schoolhouse for school purposes again you must provide more floor space by providing two more rooms for said schoolhouse; also place ventilators in all rooms in order to provide pure air and better the present sanitary conditions. I hereby condemn this building for school purposes until such changes are made.

HILLSDALE COUNTY.

Camden.

DISTRICT No. 7 SCHOOL.—At once cause doors of said school building to open outwardly.

Reading.

READING PUBLIC SCHOOL.—Within sixty days have rubber matting placed on all stairs leading to all second floors.

Jonesville.

JONESVILLE HIGH SCHOOL BUILDING.—Clean up basement.

Prattville.

DISTRICT No. 4 SCHOOL, WRIGHT TOWNSHIP.—Within thirty days repair the southeast and southwest corners of schoolhouse, using 2 to 1 mixture of cement mortar; remove all loose brick over door and replace with above mixture of mortar; within one year from date cease the use of said building for school purposes.

HOUGHTON COUNTY.

Calumet.

WASHINGTON SCHOOL.—Place guard over band saw in manual training room.

Chassel.

CHASSEL GRADE SCHOOL.—Have a fire escape placed on building as soon as possible.

Houghton.

HOUGHTON HIGH SCHOOL.—Place hand railings on all stairways.

Hancock.

ST. PATRICK SCHOOL.—Place hand railings on all stairways and arrange to have fire drills.

HANCOCK HIGH SCHOOL.—Change main stairway leading to second and third floors, and also have hand rails placed on all stairways.

Lake Linden.

LAKE LINDEN HIGH SCHOOL.—Place hand rails on all stairways, also have toilets cleaned and placed in a sanitary condition.

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HURON COUNTY.

Parisville.

ST. MARY'S SCHOOL.—Change front doors and doors leading from the school rooms on second floor into vestibule so as to swing outwardly.

INGHAM COUNTY.

Lansing.

BINGHAM STREET SCHOOL.—Provide railings on stairways; repair fire escape to comply with specifications.

CATHOLIC SCHOOL.—Have cloak room doors open outwardly; erect a fire escape on the rear of building to comply with specifications.

CEDAR STREET SCHOOL.—Provide railings on stairways leading into basement.

EAST PARK SCHOOL.—Cut down window leading to fire escape and put in door, also repair fire escape according to specifications.

KALAMAZOO STREET SCHOOL.—Construct fire escape on rear of building according to specifications.

LANSING BUSINESS UNIVERSITY.—Provide fire escape according to specifications.

LARCH STREET SCHOOL.—Repair fire escape to comply with specifications; also remove spring locks on doors and replace with common locks.

LOGAN STREET SCHOOL.—Erect fire escape on rear of building.

MOORES PARK SCHOOL.—Provide railings on stairways; repair fire escape according to specifications.

SOUTH STREET SCHOOL.—Have all doors open outwardly.

TOWNSEND STREET SCHOOL.—Cut down window and put in door swinging outwardly on to fire escape, also repair and put in order fire escape according to specifications.

WALNUT STREET SCHOOL.—Cut down window and put in door to fire escape, also repair fire escape according to specifications; have all doors in kindergarten open outwardly.

IONIA COUNTY.

Muir.

MUIR PUBLIC SCHOOL.—Within twenty days have toilets repaired and screens placed between those for male and female scholars, also put them in a more sanitary condition.

IOSCO COUNTY.

Whittemore.

SCHOOL DISTRICT NO. 2, BURLEIGH TOWNSHIP.—Within ninety days install two fire escapes, one on the north and one on the south side of your schoolhouse, same to be constructed according to state specifications.

IRON COUNTY.

Crystal Falls.

CRYSTAL FALLS HIGH SCHOOL.—Within thirty days provide spreader on rip saw, also cover both wheels on band saw.

Iron River.

IRON RIVER HIGH SCHOOL.—Within fifteen days provide guard on planer.

ISABELLA COUNTY.

Blanchard.

BLANCHARD HIGH SCHOOL.—Keep doors to fire escape unlocked during school hours; provide fire gong.

JACKSON COUNTY.

Springport.

SPRINGPORT PUBLIC SCHOOL.—Within thirty days provide ventilation in each room.

KALAMAZOO COUNTY.

Climax.

CLIMAX HIGH SCHOOL.—Within twenty days discontinue the use of "tower room" on third floor for class purposes; equip boiler with a low water alarm; clean basement.

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Comstock.

COMSTOCK HIGH SCHOOL.—Within thirty days equip building with fire escape on west side, in accordance with specifications; also equip outside double doors with release levers.

Galesburg.

GALESBURG HIGH SCHOOL.—Within thirty days provide asbestos ceiling over furnaces of one-half inch thick sheeting.

Kalamazoo.

KALAMAZOO COLLEGE.—Within thirty days make main entrance door to boy's dormitory swing outwardly.

FRANK STREET SCHOOL.—Within thirty days provide fire escapes on Frank Street School, locate one on the west end of building, with balcony extending from window of north room to window of south room, second floor; also one escape on the east end of building of same construction, both escapes to be built according to standard specifications.

JOHN STREET CHRISTIAN SCHOOL.—Within thirty days equip school building with fire escape on rear, balcony extending from north window of room No. 2 to south window of room No. 1, as per specifications; provide release lever for main entrance door.

KALKASKA COUNTY.

Kalkaska.

KALKASKA HIGH SCHOOL.—At once arrange to have all doors leading from school rooms to swing outwardly.

South Boardman.

SOUTH BOARDMAN PUBLIC SCHOOL.—Within ten days change the doors in the storm house on the west side of building so as to have the same size openings as the main doors.

KENT COUNTY.

Alto.

ALTO PUBLIC SCHOOL.—Within thirty days hang all doors so they will swing outwardly.

Casnovia.

CASNOVIA SCHOOL.—Provide better light for stairway to basement.

Dutton.

DUTTON PUBLIC SCHOOL.—Arrange to have fire drills; place basement in a sanitary condition.

Grand Rapids.

ALEXANDER SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; also provide fire escapes on east and west sides of building, balconies of same to take in rooms in center and northeast corner and room in center and northwest corner of building.

ALPINE AVE. CHRISTIAN SCHOOL.—Provide fireproof covering for all studding and post near furnace; place hand rail on all stairways.

BALDWIN CHRISTIAN SCHOOL.—Provide hand rails on all stairways; cover all wood partitions and posts near furnaces with fireproof material.

BOARD OF EDUCATION.—At once discontinue the use of all common towels in all public schools of city.

BUCHANAN SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; provide new treads on front stairway.

COIT SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; provide rail around furnace pit in boiler room.

CONGRESS SCHOOL.—Within thirty days provide fire escape on the south side of building, same to be located at wide windows of room on second floor.

CRESTON CHRISTIAN SCHOOL.—At once discontinue the use of common towels.

DIAMOND SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; provide new treads on stairs in center of building.

DIVISION SCHOOL.—Within thirty days provide steps inside of rooms to windows at fire escapes; provide hand rails on stairways not so equipped.

EAST LEONARD SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; also provide fire escapes on the east and west sides of building, balconies of escapes to accommodate rooms in center and northeast corner and rooms in center and northwest corner of building.

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FRANKLIN CHRISTIAN SCHOOL.—Keep all doors unlocked during school hours.

GRANDVILLE AVE. CHRISTIAN SCHOOL.—Provide fire escapes on the east and west sides of building; provide hand rails on all stairways.

HALL SCHOOL.—Provide fire escapes on the north and south sides of building, said escapes to accommodate rooms in center of building.

HENRY SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; provide new treads on stairway in the southwest corner of building.

JEFFERSON SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; provide new treads on stairs landing to second floor, front of building.

JUNIOR HIGH SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; provide steps from lower balcony of fire escape to ground on north end of building.

LAFAYETTE SCHOOL.—Within thirty days provide fireproof bin for ashes from furnace; provide fireproof door between boiler room and coal storage room; provide hand rails on all stairways not so equipped.

MADISON SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; provide new treads on all stairways.

MICHIGAN SCHOOL.—Within thirty days provide an additional fire escape on building, same to take in two windows of room in the southeast corner of building on second floor; provide hand rails on all stairways not so equipped.

NORTH DIVISION SCHOOL.—Within thirty days provide railing around furnace pit in boiler room; at once discontinue the use of unfinished room for storage purposes until same is properly strengthened.

OAKDALE CHRISTIAN SCHOOL.—Provide fire escape in rear of building, balcony of same to take in two windows near center of building.

PALMER SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped.

PINE CHRISTIAN SCHOOL.—Place hand rails on all stairways.

PINE SCHOOL.—Within thirty days provide hand rails on stairways not so equipped; provide fire escape on the west side of building to accommodate two rooms on second floor.

PLAINFIELD SCHOOL.—Within thirty days provide additional steps to ground on fire escape, and also provide an additional fire escape on the east side of building to accommodate room in the northeast corner.

ST. ALDELBERT'S CATHOLIC SCHOOL.—Provide fire gong for building; provide steps from lower balcony of fire escape to ground; place windows at fire escapes on hinges to open outwardly.

ST. ANDREW'S CENTRAL GRAMMAR SCHOOL.—Provide metal receptacle for all waste paper in boiler room; provide fire gong for all hallways; install fire drills.

ST. ISADORE'S SCHOOL.—Provide fire gong for building.

ST. JOHN'S ORPHAN ASYLUM.—Change all doors to open outwardly.

ST. MARY'S CATHOLIC SCHOOL.—Provide hand rails on stairways, south side of building.

ST. PETER & ST. PAUL SCHOOL.—Provide fire gong on first floor.

SACRED HEART SCHOOL.—Change door in rear to open outwardly.

SHELDON SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped.

SIBLEY SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped; provide new treads on stairway to second floor; provide proper supports under second floor hall to strengthen same.

SIGSBEE SCHOOL.—At once remove all desks and seats from lower hall in front of main entrance.

STOCKING SCHOOL.—Within thirty days provide hand rails on all stairways.

STRAIGHT SCHOOL.—Within thirty days provide hand rails on all stairways not so equipped.

WEST LEONARD SCHOOL. Within thirty days provide hand rails on all stairways not so equipped; provide new treads on front stairs to second floor.

WIDDICOMB SCHOOL.—Within ten days provide hand rails on all stairways not so equipped; provide new treads on all stairways; increase size of doors from toilet room to playground.

Kent City.

KENT CITY PUBLIC SCHOOL.—Place toilets in a sanitary condition.

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Lowell.

EAST WARD SCHOOL.—Within fifteen days place toilets and basement in a sanitary condition; provide fire gong; repair covering of heating pipes.

UNION SCHOOL.—Within fifteen days place toilets and basement in a sanitary condition; repair covering of heating pipes.

WEST WARD SCHOOL.—Within fifteen days place toilet in a sanitary condition; provide fire gong; repair covering of heating pipes.

Rockford.

ROCKFORD HIGH SCHOOL.—Within ten days provide fire gong.

LAPEER COUNTY.

Lapeer.

FIRST WARD SCHOOL.—Within thirty days tear out the south wall of First Ward School down to a point level with top of window in schoolroom, also brace north wall so it will be in a safe condition.

LEELANAU COUNTY.

Suttons Bay.

UNION SCHOOL.—Within thirty days have all doors leading from schoolrooms swing outwardly; also install a fire gong.

LUCE COUNTY.

McMillan.

MCMILLAN DISTRICT SCHOOL.—Provide individual drinking cups for all employes.

MACKINAC COUNTY.

Engadine.

ENGADINE PUBLIC SCHOOL.—At once put water closet in a sanitary condition; provide individual drinking cups for all employes.

St. Ignace.

FIRST WARD SCHOOL.—At once provide fire gong.

THIRD WARD SCHOOL.—At once provide fire gong; provide hand rail on steps at rear entrance.

MANISTEE COUNTY.

Kaleva.

KALEVA SCHOOL.—Repair railing on both sides of stairway and landing leading to first floor; put north end of building in a safe condition that has been damaged by lightning.

MARQUETTE COUNTY.

Big Bay.

LAKE INDEPENDENCE SCHOOL.—Clean up premises and place same in a sanitary condition.

Gwinn.

GWINN SCHOOL.—Place a safety guard over front of band saw in manual training room.

Marquette.

BARAGA SCHOOL.—Place fire gongs in school and have fire drills.

FRENCH PAROCHIAL SCHOOL.—Place fire gongs in building and have fire drills.

MECOSTA COUNTY.

Barryton.

BARRYTON SCHOOL.—Arrange to have fire drills at least once a month.

Big Rapids.

BIG RAPIDS HIGH SCHOOL.—Within thirty days provide fire escape to room on third floor, escape to be located at windows on south side of building; provide wider steps to windows at fire escapes.

Millbrook.

MILLBROOK HIGH SCHOOL.—Within ten days cover wood partitions near furnace with sheet metal.

Remus.

REMUS SCHOOL.—At once place toilet in a sanitary condition.

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Stanwood.

STANWOOD SCHOOL.—Provide fire gong.

MENOMINEE COUNTY.

Powers.

SPAULDING-POWERS HIGH SCHOOL.—Within thirty days erect a fire escape on school building to take care of two windows.

MIDLAND COUNTY.

Greendale Township.

SCHOOL DISTRICT No. 3.—I hereby condemn School District No. 3, Greendale Township, Midland County, Michigan, as not a fit building for school purposes and would recommend a new building.

MISSAUKEE COUNTY.

McBain.

MCBAIN PUBLIC SCHOOL.—Within thirty days arrange with the school board to have storm doors changed so as to have the same size openings as main doors have.

Jennings.

JENNINGS PUBLIC SCHOOL.—At once arrange with the school board to have school building equipped with a fire gong system and have fire drills.

Lake City.

LAKE CITY SCHOOL.—Within thirty days have the boiler in your school equipped with an approved low water alarm.

MONTCALM COUNTY.

Day Township.

SCHOOL DISTRICT No. 2.—Before building is used you must provide as follows: Clean, repair and place building in a sanitary condition; repair steps at front entrance; increase width of all inside doors to at least four feet; hang all doors to swing outwardly; do not use stoves for heating; provide additional windows for all rooms; provide better ventilation in all rooms; provide one additional toilet.

Coral.

CORAL SCHOOL.—Arrange to have fire drills at least once a month.

Howard City.

HOWARD CITY HIGH SCHOOL.—Within five days provide hand rails on stairway to boiler room.

McBrides.

DAY SCHOOL DISTRICT No. 2.—Within one week arrange all doors of building to open outwardly.

Pierson.

PIERSON PUBLIC SCHOOL.—Arrange to have fire drills at least once a month.

Sheridan.

SHERIDAN PUBLIC SCHOOL.—Keep door to fire escape unlocked during school hours.

TRUFANT SCHOOL.—Arrange to have fire drills at least once a month.

MONTMORENCY COUNTY.

Lewiston.

LEWISTON PUBLIC SCHOOL.—At once have the storm doors made the same width as main doors.

MUSKEGON COUNTY.

Muskegon.

ANGEL SCHOOL.—At once arrange with the school board to have building equipped with fire escape.

BUNKER SCHOOL.—At once arrange with the school board to have building equipped with a fire escape.

FROEBEL SCHOOL.—At once arrange with the school board to have building equipped with a fire escape.

PILLSBURY SCHOOL.—At once arrange with the school board to have building equipped with a fire escape.

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NEWAYGO COUNTY.

Fremont.

FREMONT PUBLIC SCHOOL.—At once arrange with the school board to have the toilets repaired so they will be in good order and in a sanitary condition.

OAKLAND COUNTY.

Pontiac.

BAGLEY SCHOOL.—Within thirty days make storm doors so they will swing outwardly, and place building in a sanitary condition.

BALDWIN ANNEX SCHOOL.—Within thirty days hang all doors so they will swing outwardly.

BALDWIN SCHOOL.—Within thirty days equip doors connecting cloak and class rooms with double action hinges; make door of office room open outwardly.

CENTRAL SCHOOL.—Within thirty days cover steam pipes with asbestos in basement; provide double action hinges for all doors connecting cloak and class rooms; hang doors of office and laboratory rooms so they will swing outwardly.

CROFOOT SCHOOL.—Within thirty days equip doors connecting cloak and class rooms with double action hinges, also doors in basement that do not open outwardly.

FLORENCE AVE. SCHOOL.—Within thirty days hang all doors in schoolhouse so they will swing outwardly.

MCCONNELL ANNEX SCHOOL.—Within thirty days hang all doors so they will swing outwardly.

MCCONNELL SCHOOL.—Within thirty days provide double action hinges for all doors connecting cloak and class rooms.

PONTIAC HIGH SCHOOL.—Within thirty days make all doors in schoolhouse so they will open outwardly.

ST. FREDERICK'S SCHOOL.—Within thirty days equip doors of class room leading to fire escape with double action hinges, and hang all of the other doors in schoolhouse so they will swing outwardly.

JOHN P. WILSON SCHOOL.—Within thirty days provide double action hinges for all doors connecting class and cloak rooms; hang doors in basement and office room so they will swing outwardly.

WISNER SCHOOL.—Within thirty days equip doors with double action hinges connecting cloak and class rooms, and hang doors in basement so they will open outwardly.

OCEANA COUNTY.

Shelby.

SHELBY PUBLIC SCHOOL.—At once arrange with the school board to have said school building equipped with at least two fire escapes, one on the north end and one at the center of the east side, as per specifications left with you December 11, 1913.

ONTONAGON COUNTY.

Ontonagon.

CENTRAL SCHOOL.—Place toilets in a sanitary condition.

ONTONAGON HIGH SCHOOL.—Place low water alarm on boiler.

OSCEOLA COUNTY.

Dighton.

DIGHTON SCHOOL.—Within fifteen days provide stay bolts at second floor and above ceiling of same floor, the bolts to extend from outside of south wall to outside of north wall; provide door in south wall of storm house.

Hersey.

HERSEY SCHOOL.—Within ten days provide hand rails on basement stairs, also on stairs to second floor in northwest corner of building.

Le Roy.

LE ROY SCHOOL.—Within thirty days provide fire escape on rear of building, balcony to be located at center windows of second floor, and to be constructed in accordance with specifications.

Tustin.

TUSTIN SCHOOL.—Cover all wood partitions near furnace with sheet metal.

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OTSEGO COUNTY.

Gaylord.

GAYLORD HIGH SCHOOL.—At once have storm door made the same width of main doors.

Johannesburg.

JOHANNESBURG PUBLIC SCHOOL.—At once provide fire gong; have fire drills practiced at least once a month.

PRESQUE ISLE COUNTY.

Onaway.

COLONIAL SCHOOL.—At once provide a urinal trough in toilet for the use of male pupils; also have storm house door made same width as main door.

ST. JOSEPH COUNTY.

Centreville.

CENTREVILLE HIGH SCHOOL.—Within thirty days discontinue the use of kerosene lamps in building and would suggest that you install electric lights; put hand rails on stairways on west side of buildings and levers on main entrance doors so that bolts may be easily drawn.

Colon.

COLON HIGH SCHOOL.—Within thirty days discontinue the use of kerosene lamps in the building.

SCHOOLCRAFT COUNTY.

Manistique.

WEST SIDE SCHOOL.—At once keep all exit doors unlocked during school hours; provide a fire alarm call to connect with the fire department to be used in case of fire; keep fire escapes clear of snow and ice during the winter season; keep fire escape exits unlocked during school hours.

WASHTENAW COUNTY.

Manchester.

MANCHESTER HIGH SCHOOL.—Immediately institute fire drills by the pupils of your school.

WAYNE COUNTY.

Flat Rock.

FLAT ROCK PUBLIC SCHOOL.—At once provide hand rail for stairs from first floor to basement, and practice fire drills at least once a month.

Belleville.

BELLEVILLE HIGH SCHOOL.—Within thirty days make all doors in basement and storm door open outwardly.

French Landing.

FRENCH LANDING PUBLIC SCHOOL.—At once make all doors in schoolhouse open outwardly; provide fire gong and practice fire drills at least once a month.

Northville.

NORTHVILLE HIGH SCHOOL.—At once change all doors to swing outwardly.

Plymouth.

PLYMOUTH SCHOOL.—At once cover ceiling of boiler room with fire proof material, and provide iron guard rail for boiler pit and fire signal that can be operated from boiler room.

Wayne.

WAYNE PUBLIC SCHOOL.—At once provide electric push button in basement to operate fire gong; provide high and low water alarms for boilers; change all doors in basement that now swing inwardly so they will swing outwardly; put toilets in a sanitary condition.

Dearborn.

DEARBORN PUBLIC SCHOOL.—At once provide electric push button in basement to operate fire gong.

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Huron Township.

KITTLE SCHOOL.—Said school building is hereby condemned as being unsafe as the ceiling and walls are liable to collapse and cause the lives of children to be endangered.

River Rouge.

OUR LADY OF LOURDES SCHOOL.—Within fifteen days provide double action hinges for all door of toilet rooms, also doors of small hall in basement, so they will open outwardly.

DUNN SCHOOL.—Within thirty days provide double action hinges for doors in office rooms; change door in kindergarten room and door of boys' toilet room to open outwardly; remove doors in cloak rooms and rear partition out of basement play room; change exit from girls' toilet room leading into boiler room to provide better and freer egress; within thirty days repair and strengthen rear stairs and provide hand rails on each side of stairway leading to basement; install fire gong and push button in boiler room; provide iron stairs for two fire escapes from lower balconies to ground.

ANN VISGER SCHOOL.—Within ten days provide double action hinges for door of office room and door of teachers' rest room so they will open outwardly; provide fire gong and push button in boiler room.

Ecorse.

ECORSE HIGH SCHOOL.—Within ten days change basement doors so they will open outwardly; put main doors in good working order; cover heating pipe with asbestos in boys' toilet room.

Village of Ford.

LABADIE PUBLIC SCHOOL.—Within five days change door leading into boy's basement to open outwardly in hall, also change rear outside door to open outwardly.

J. B. FORD PUBLIC SCHOOL.—At once put all main doors in working order; provide proper heat and ventilation in schoolhouse.

Wyandotte.

OUR LADY OF MT. CARMEL SCHOOL.—Within ten days make all doors in basement swing outwardly.

TRINITY EVAN. LUTH. SCHOOL.—Within thirty days erect fire escape on the rear of building to take in two windows toward west end of building above first floor, cut down one window even with the floor and put in door to open out on fire escape, balcony to be four feet wide, to be built according to state specifications delivered; change rear door on first floor to open outwardly.

LINCOLN SCHOOL.—Within fifteen days change all doors that swing inwardly so they will open outwardly; provide hand rails for basement stairs.

MCKINLEY SCHOOL.—At once change doors of class rooms and door of boys' toilet room so they will open outwardly; provide proper ventilation in class rooms of basement.

ST. JOSEPH'S SCHOOL.—At once provide storm houses with double doors same width as main doors of building; change door leading into girls' basement to open out in hall, first floor; put main doors in good working order.

ST. PATRICK'S SCHOOL.—Within twenty days make doors in basement open outwardly.

Sibley.

SIBLEY PUBLIC SCHOOL, DISTRICT NO. 3.—Within thirty days erect fire escapes on the east and west sides of school building to take in one window on each side; cut down windows even with the floor and put in doors to swing outwardly on fire escapes, balconies to be four feet wide and to be built according to state specifications delivered; within twenty days make all doors swing outwardly; cover heating pipes with asbestos.

Springwells.

ROUGEMERE SCHOOL, DISTRICT NO. 2.—At once remove doors from cloak rooms, first floor; provide fire gongs on both floors and practice fire drills at least once a month.

Hamtramck.

DICKINSEN SCHOOL.—Within ten days change door of teachers' rest room to open into hall; when installing fire gong connect basement with same.

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Oakwood.

OAKWOOD PUBLIC SCHOOL.—Within ten days change storm door to double doors same width as main doors; provide fire gongs on both floors and basement.

OAKWOOD PUBLIC SCHOOL ANNEX.—Within ten days change rear door in building to open outwardly.

Highland Park.

HENRY FORD PUBLIC SCHOOL.—Within ten days provide double action hinges for doors of boys' and girls' toilet rooms, also door of office, so they will swing outwardly.

G. W. FERRIS SCHOOL.—Provide fire extinguishers for manual training room, and connect boiler room with fire gong by means of electric push button.

WILLARD SCHOOL.—Provide fire gong with connected electric push buttons on all floors and in boiler room.

STEVENS SCHOOL.—Within ten days provide double action hinges for doors on principal's office and teachers' rest room so they will open outwardly; remove doors on cloak rooms, and connect boiler room with fire gong.

Detroit.

EASTERN HIGH SCHOOL.—At once provide electric push buttons in basement to operate fire gongs; cut a door in boiler room leading outside, and change doors that now swing inwardly so they will swing outwardly or use double action hinges.

COLUMBIA SCHOOL.—At once cut two exits from basement in rear of building and install lights in basement cloak rooms.

CONRAD CLIPPERT SCHOOL.—Change doors in basement so they will swing outwardly.

CRAFT SCHOOL.—Change office door to open outwardly.

CROSMAN SCHOOL.—Change doors of kindergarten room and doors of cloak and toilet rooms to open outwardly; remove obstructions from doors at both ends of lower hallway and provide door stops for same.

CUSTER SCHOOL.—Erect a fire escape on the front of building toward the northwest end of building; cut down one window even with the floor and put in door to swing out on fire escape, balcony to be four feet wide, to be built according to state specifications delivered; provide fire gongs on both floors; remove wooden partition from hallway, second floor; change rear doors to double doors same width as main doors; repair front and rear steps, also all windows; place schoolhouse in a sanitary condition.

DAVID PRESTON SCHOOL.—Equip basement with push buttons to operate fire gongs.

DETROIT UNIVERSITY SCHOOL.—At once provide guard for rip saw and band saw in manual training department.

DICKINSON SCHOOL.—Curve in top ends of hand rails of two outside fire escapes.

DUANE DOTY SCHOOL.—Provide hand rails for stairs leading into boiler room; change door of kindergarten room to swing outwardly.

SAMPSON SCHOOL.—Place iron guard rails around pump pit in boiler room and guard fan pit in engine room.

SCHOOL FOR CRIPPLES.—Provide shelter for entrance to elevator for the purpose of protecting children during inclement weather; connect all electric lights to switch in engine room.

SILL SCHOOL.—At once provide fire gongs and push buttons on first floor and basement.

ST. HYACINTH PARISH SCHOOL.—At once change all school room doors in basement to open outwardly.

FIRNANE SCHOOL.—Provide electric lights in hallways, on stairway and in basement; equip all floors and basement with electric push buttons for fire gongs.

ST. JOHN'S CANTIUS SCHOOL.—At once provide double action hinges for doors of boys' and girls' toilet rooms in new schoolhouse.

ST. JOHN'S CANTIUS ANNEX SCHOOL.—At once change doors of class rooms to open outwardly.

TILDEN SCHOOL.—Shorten top ends of hand rails so that doors will open free from obstructions, and curve in top ends of hand rails of two outside fire escapes; provide lower steps for both fire escapes to ground.

TROWBRIDGE SCHOOL.—Add extension to fire escape roof so it will shelter ground entrance.

VAN DYKE SCHOOL.—Within a reasonable length of time provide fire gong and push button in basement and second floor.

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WESTERN HIGH SCHOOL.—Provide proper wrought iron guard for emery wheel; guard belt and pulley on motor in repair shop; guard upper wheel of band saw in manual training room.

WILLIAM MCKINLEY SCHOOL.—Remove partition in office and provide double action hinges for office door so that said door will open outwardly in hallway.

WINGERT SCHOOL.—At once provide lights in basement cloak rooms.

JONES SCHOOL.—At once provide fire gong in basement and electric push button to ring same.

JONES ANNEX SCHOOL.—At once change all doors to swing outwardly, and provide fire gong.

LINCOLN SCHOOL.—Provide screens for fans in toilet rooms; provide guard rail and steps for pump pit in boiler room.

LILLIBRIDGE SCHOOL.—At once change doors in old part of building to swing outwardly.

LOUIS J. GOLDBERG SCHOOL.—Provide double action hinges for doors of teachers' rest room and office room, also provide fire gong and push button in boiler room.

LYSTER SCHOOL.—Provide fire gongs on first floor and in basement; equip each floor and basement with push buttons to operate fire gongs.

MARCY SCHOOL.—At once provide fire gong and push button; change doors of two rooms in basement to swing outwardly.

MCGRAW SCHOOL.—At once provide eavestrough to carry off water from roof of fire escape which freezes on walks preventing the opening of fire escape doors.

MCKINSTRY SCHOOL.—Provide fire gong and push button in boiler room to be used in case of fire.

MONTEITH SCHOOL.—At once provide fire gongs on every floor and basement and push buttons for same; change locks on outer doors as those now in use are very dangerous.

MORLEY SCHOOL.—Make door of office room open outwardly; provide fire gongs for basement and push buttons in basement and engine room to operate fire gongs.

NELLIE LELAND OPEN AIR SCHOOL.—Change doors of dining room to open outwardly, and provide double action hinges for doors of boys' and girls' toilet rooms.

NEWBERRY SCHOOL.—At once provide fire gong and electric push button in basement.

NICHOLS SCHOOL.—At once repair low water alarm on boiler.

PALMER SCHOOL.—Provide fire gongs and push buttons for every floor and basement; change door of boys' play room in basement so it will swing outwardly; provide hand rail on outer edges of roof of boiler room as this would be an exit in case of fire.

POTTER SCHOOL.—Curve in ends of hand rails of two fire escapes.

ROBERTS SCHOOL.—Provide electric lights for rooms on first floor; connect fire gongs with electric push buttons in basement and all floors.

ROSE ANNEX SCHOOL.—At once change class and recitation room doors to swing outwardly.

ROSE SCHOOL.—At once provide fire gong and electric push button in basement.

RUSSELL SCHOOL.—Extend roof on fire escape to shelter the bottom steps of same; drop the lights in basement hallway for better service; provide lights for steam gauge and low water alarms in boiler room and fan room.

HERVEY C. PARKE SCHOOL.—Change sliding doors to folding doors; change cloak room doors so they will swing outwardly and make storm doors the same width as main doors.

HIGGINS SCHOOL.—Provide double action hinges for door in office room.

HILLGER SCHOOL.—At once change door of teachers' rest room, which is now being used for cloak room, to swing outwardly.

HUBBARD SCHOOL.—Provide fire gongs on second floor and in basement; equip each floor and basement with push buttons to operate fire gongs; provide one additional exit for kindergarten room leading into yard to be used in case of fire; provide additional lights for hallways, office room and basement; keep hallway on second floor free and clear from all obstructions.

HUGH CARY SCHOOL.—Provide an electric push button in boiler room to operate fire gongs, also platform at rear outside door of boiler room and hand rails for stairs leading into boiler room; change doors of cloak rooms that swing inwardly so they will open outwardly in hallways.

IRVING SCHOOL.—Provide double action hinges for door in office room.

IVES SCHOOL.—At once provide guard rail for pump pit.

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JACKSON SCHOOL.—Provide electric lights in hallways on first and second floors; connect fire gongs with electric push buttons on all floors and basement; extend roof on fire escape to shelter lower steps of same.

JEFFERSON UNION SCHOOL.—Equip doors in schoolhouse which do not open outwardly with double action hinges.

JOHN F. BENNETT SCHOOL.—Change doors of teachers' rest rooms and doors in basement so they will open outwardly; provide fire gong in boiler room.

ESTABROOK SCHOOL.—At once provide electric fire gongs and push buttons to operate same.

EVERETT SCHOOL.—At once remove door of cloak room on third floor or hang same with double action hinges.

FRANK H. BEARD SCHOOL.—Place iron guard rails around pump pit; open up doorways now used for closets in class rooms E. and L. with doors to open out on hallways for better means of egress in case of fire; provide double action hinges for office door so that it will open outwardly in hallway.

GARFIELD SCHOOL.—At once put signal service in good working condition so that it may be heard in all parts of the building; provide guard rail for pump and boiler pits.

GEORGE JR. HIGH SCHOOL.—Provide guard rail for elevator pit and rail in feed pump and pit; provide a rear exit in basement to be used in case of fire or emergency.

HARRIS SCHOOL.—At once provide guard rail for ash pit, also switch to turn out light in boiler room.

ALGER SCHOOL.—Extend roof of fire escape to shelter lower steps and entrance during inclement weather.

BROWNSON SCHOOL.—Provide electric push buttons for fire gongs on all floors and basement.

CAMPBELL SCHOOL.—At once provide more toilet and urinal space, and lower floor of ungraded room so as to give proper air space.

CASS TECHNICAL HIGH SCHOOL.—Change doors of office rooms so they will open outwardly; provide proper wrought iron guards for all emery wheels; guard exposed gears and circular saw.

CENTRAL HIGH SCHOOL.—Replace windows by doors leading to both fire escapes on each floor including auditorium gallery, the doors to open out on balconies of fire escapes; provide red lights for all exits in auditorium and gallery; place iron guard rails around fly wheels of engine; guard upper wheel of band saw; remove door from east side in attic leading to stairs.

CHANDLER SCHOOL.—At once provide fire gong for second floor and basement and electric push buttons to ring same.

CLARENCE M. BURTON SCHOOL.—Change all doors that swing inwardly to open outwardly; remove radiators from both landings of stairways; provide lights for stairs leading into boiler room and door stops for front doors.

CLAY SCHOOL.—Provide lights for first floor.

WEXFORD COUNTY.

Buckley.

W. W. SMITH (President of School Board).—At once discontinue the practice of holding school or any public gatherings in the building known as the Buckley School, Hanover Township, as said building is hereby condemned. You must also warn people of the same by putting a sign on said building until such building is torn down.

Cadillac.

CENTRAL HIGH SCHOOL.—Within thirty days have boiler equipped with an approved low water alarm.

EMERSON SCHOOL.—At once have the low water alarms repaired and put in good working condition.

MCKINLEY SCHOOL.—At once have low water alarm repaired and put in good working condition.

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ORDERS ISSUED FOR RESTAURANTS IN 1913.

CHIPPEWA COUNTY.

Sault Ste. Marie.

PARISIAN RESTAURANT.—At once do not permit females in your employ to work for a longer period than ten hours in any one day nor more than fifty-four hours in any one week.

GENESEE COUNTY.

Flint.

UNEEDA CAFE.—Within five days regulate the work of your female employes to conform to the fifty-four hour a week law.

QUICK B. LUNCH.—Within five days arrange the hours of your female help so as to conform with the fifty-four hour law.

GRAND TRAVERSE COUNTY.

Traverse City.

EUREKA CAFE.—Within ten days arrange to comply with the fifty-four hour law.

LITTLE TAVERN.—Within ten days arrange to comply with the fifty-four hour law.

SAMS CAFE.—Within ten days arrange to comply with the fifty-four hour law.

INGHAM COUNTY.

Lansing.

CANADA RESTAURANT.—Within ten days improve the light and cooking arrangements in your kitchen.

CAPITAL CITY RESTAURANT.—Within two days clean up the kitchen and improve sanitary conditions.

EAGLE CAFE.—Within five days cleanse and improve condition of your range and keep garbage table and can in good condition.

GEM RESTAURANT.—Within five days clean windows and screens and improve light in kitchen.

NEW ANNEX RESTAURANT.—Within ten days install a better system of ventilation in kitchen.

KALAMAZOO COUNTY.

Kalamazoo.

CITY LUNCH ROOM—Within ten days clean walls and paint kitchen; within thirty days make opening for ventilating kitchen.

KENT COUNTY.

Grand Rapids.

ACME CAFE.—Within ten days arrange the hours of your female employes so that they will not work more than fifty-four hours in one week nor more than ten hours in any one day.

ALBANY CAFE.—Within ten days arrange the hours of your female employes so that they do not exceed more than fifty-four in any one week nor more than ten hours in any one day.

ARCADE RESTAURANT.—Within ten days arrange the hours of your female employes so that they do not exceed more than ten hours in any one day nor more than an average of fifty-four hours in one week.

L. D. CHOLLAR.—Within three days arrange the hours of your female employes so that they do not exceed ten hours in any one day nor more than fifty-four hours in one week.

A. L. CHRISTIE CAFE.—Within ten days arrange the hours of all female employes so that they do not exceed fifty-four hours in any one week nor more than ten hours in any one day.

ENGLISH KITCHEN (L. M. Wilson).—Within five days arrange the hours of your female employes so that they do not work more than fifty-four hours in one week.

FRAAM'S CAFE.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four hours in one week nor more than ten hours in any one day.

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GEM CAFE.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four hours in any week nor more than ten hours in any one day.

A. GRUENBAUER.—Within ten days arrange the hours of your female employes so that they do not exceed an average of nine hours in any one day nor more than fifty-four hours in any one week.

E. M. HALL RESTAURANT.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four in any one week or more than ten in any one day; repair toilet room and place same in sanitary condition.

HERMITAGE CAFE.—Within ten days arrange the hours of all female employes so that they do not exceed fifty-four hours in any one week nor more than ten hours in any one day.

LENOX CAFE.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four in any one week nor more than ten hours in any one day.

POPULAR CAFE.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four in any one week nor more than ten in any one day.

REED BROS.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four in any one week nor more than ten in any one day.

STAR CAFE.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four in any one week nor more than ten hours in any one day.

UNION DEPOT DINING ROOM.—Within fifteen days provide proper ventilating fan in kitchen, said fan to be located in window over stove and on north side of building; within ten days arrange the hours of your female employes so that they do not exceed ten hours in any one day nor more than fifty-four hours in any one week.

WEALTHY ST. CAR BARNS LUNCH ROOM.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four in one week nor more than ten hours in any one day.

WHITE ELEPHANT RESTAURANT.—Within ten days arrange so that the females in your employ do not work more than ten hours in any one day nor more than fifty-four in any one week.

Sparta.

O. F. BROWN.—Within five days arrange the hours of your female employes so that they do not exceed ten hours in any one day nor more than fifty-four hours in any one week.

MONTCALM COUNTY.

Greenville.

THE GLOBE LUNCH ROOM.—At once place kitchen in sanitary condition.

NEWAYGO COUNTY.

Fremont.

BUSY RESTAURANT & BAKERY.—Within one day arrange the hours of your female employes so that they do not exceed fifty-four in any week or more than ten in any one day.

White Cloud.

BOSTON LUNCH.—Within fifteen days arrange to comply with the fifty-four hour law.

ST. CLAIR COUNTY.

Port Huron.

FERRY LUNCH ROOM.—At once improve the ventilation in kitchen and make same more sanitary, also provide better light.

WAYNE COUNTY.

Detroit.

PITTSBERG LUNCH.—Place guard rail around stairway; at once arrange the working hours of your female help so as to comply with the state law.

Leesville.

FINZEL RESTAURANT.—Within five days place kitchen in proper sanitary condition.

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WEXFORD COUNTY.

Cadillac.

BUSBY'S RESTAURANT.—Within fifteen days arrange to comply with the fifty-four hour law.

ZIEGLER'S CAFE.—Within fifteen days arrange to comply with the fifty-four hour law.

ORDERS ISSUED FOR THEATRES IN 1913.

ALGER COUNTY.

Munising.

LYRIC THEATRE.—Clean up place and place an exit light on rear door.

ALPENA COUNTY.

Alpena.

BIJOU THEATRE.—At once provide sanitary toilet; see that all doors remain unlocked during shows; change rear door so it will swing outwardly; provide spring on door of operating room.

MAJESTIC THEATRE.—At once repair and put toilet in sanitary condition.

ROYAL THEATRE. At once provide sanitary water closet and wash room.

BERRIEN COUNTY.

Berrien Springs.

STAR THEATRE.—Within ten days provide exit signs on rear doors.

BRANCH COUNTY.

Coldwater.

TIBBITS OPERA HOUSE.—Within twenty days remove partition at north and leaving exit from gallery equal in width with stairway exit; use no door at exit; use no locks on doors to gallery or balcony approaches; provide hand rails on stairs leading from outside exits to galleries, exits never to be locked while performance is on.

Union City.

UNION CITY OPERA HOUSE.—Within ten days provide draw bolts on all double doors of theatre and make all doors swing outwardly.

CALHOUN COUNTY.

Homer.

WARNER OPERA HOUSE.—Change rear doors so same will swing outwardly.

EMMET COUNTY.

Harbor Springs.

LYARIC THEATRE.—Provide hand rail on steps at exit doors.

Petoskey.

GRAND OPERA HOUSE.—At once repair exit door in lobby; install hand rail on attic stairway.

HOUGHTON COUNTY.

Calumet.

CROWN THEATRE.—Clean all rubbish out of dressing room and stage and place hand railing on stairway leading to basement.

KENT COUNTY.

Grand Rapids.

NICHOLS THEATRE.—Within ten days provide additional toilet for use of male employes.

STAR VAUDETTE.—At once remove all obstructions from rear door.

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MARQUETTE COUNTY.

Negaunee.

McDonald Opera House.—At once clean up premises.

MACKINAC COUNTY.

Mackinac Island.

Temple Theatre.—At once provide shutters on all openings in operating booth, suspended by cotton cord.

St. Ignace.

Grand Theatre.—At once install two toilet rooms in theatre, one for males and the other for females; at once change front exit door so as to swing outwardly.

MONTCALM COUNTY.

Greenville.

Favorite Theatre.—Do not employ children under sixteen years of age in or about the theatre.

OAKLAND COUNTY.

Pontiac.

Pontiac Theatre.—Within thirty days fasten all chairs so that they are stationary, also clear exit on the north side of theatre.

OCEANA COUNTY.

Pentwater.

Vaudette Theatre.—Change door on south side of building to swing outwardly; have door cut out on north side and same must also swing outwardly; repair stage platform and stairs to rear end of stage platform; inclose office with boards instead of cloth, and building must be kept clean and in a sanitary condition; the word "exit" must be placed over all doors leading from building and at night a red light must be burning over same; all the rubbish must be removed from rear room of building and a toilet must be installed. These changes must be made at once.

PRESQUE ISLE COUNTY.

Onaway.

Onaway Opera House.—At once put toilet in a sanitary condition; provide ventilation in dressing rooms; repair door on booth so that it will shut tight; make booth fireproof.

ORDERS MADE ON PRIVATE EMPLOYMENT AGENCIES IN 1913.

Mrs. S. A. Baker.—At once comply with the provisions of Act No. 301 of the Public Acts of the State of Michigan of 1913 relative to private employment agencies.

Mrs. M. E. Watt.—At once comply with the provisions of Act No. 301 of the Public Acts of the State of Michigan of 1913 relative to private employment agencies.

The Colonial Amateur Co.—At once comply with the provisions of Act No. 301 of the Public Acts of the State of Michigan of 1913 relative to private employment agencies.

Commonwealth Exchange.—At once comply with the provisions of Act 301 of the Public Acts of the State of Michigan of 1913 relative to private employment agencies.

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ORDERS ISSUED ON HOTELS FOR 1913 AND TO APRIL 1, 1914.

ARRANGED ALPHABETICALLY BY CITIES.

JOHN W. THORN, SPECIAL AGENT FOR DEPARTMENT OF LABOR AND DEPUTY HOTEL INSPECTOR.

Total number of hotels inspected..... 675

Adrian.

LAKE SHORE HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds.

BOTSFORD HOUSE.—At once arrange fire escape to conform to law; put printed notices in halls and sleeping rooms calling attention to fire escape; put chemical fire extinguishers in halls; clean and disinfect toilets; provide individual textile towels; use sheets ninety inches long on beds.

HOTEL GREGG.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

NEW ADRIAN HOTEL.—At once cause ropes to be put in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms.

CENTRAL HOTEL.—At once make fire escapes conform to law; put printed notices in sleeping room directing the way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash rooms; use sheets ninety inches long on beds.

SCHOOLCRAFT HOTEL.—At once erect an iron fire escape to conform to law; put notices in halls and rooms directing way to fire escape; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms.

Akron.

BLOOMFIELD HOTEL.—At once put ropes in sleeping rooms for fire escapes and put up printed notices calling attention to ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds; furnish individual textile towels for wash room; disinfect the urinal and keep same and toilet in sanitary condition.

HOTEL PATRICK.—At once put ropes in sleeping rooms for fire escapes; put notices in rooms calling attention to ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds; furnish individual textile towels in wash room; provide separate toilets for females; keep toilets clean, well disinfected and in sanitary condition.

Alba.

NEW ALBA HOTEL.—At once provide ropes in all sleeping rooms to comply with specifications of section 4 of Act No. 188 of the Public Acts of 1913; provide cards and post in a conspicuous place in each room to direct guests to the use of ropes; provide chemical fire extinguishers in all halls; provide individual textile towels in all sleeping rooms, toilet rooms and bath rooms.

NEW TUTTLE HOUSE.—At once provide ropes in all sleeping rooms, in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide cards in rooms directing guests to use of ropes; provide chemical fire extinguishers in all halls; provide sheets on all beds not less than ninety inches long; provide individual textile towels in all sleeping, bath and toilet rooms.

Albion.

HOTEL ALBION.—At once arrange fire escapes to conform to law; put notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; furnish individual textile towels in toilet room; use sheets ninety inches long on beds.

DOWLING HOTEL.—At once erect an iron fire escape to conform to Act No. 188 of the Public Acts of 1913; put printed notices in halls and sleeping rooms direct-

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ing way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

Algonac.

ALGONQUIN HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in sleeping rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

PARK HOTEL.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash rooms; use sheets ninety inches long on beds.

Allegan.

HOTEL BRACELIN.—At once put ropes in sleeping rooms for fire escapes; put printed notices in each room directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room.

NEW CITY HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; keep individual textile towels in wash rooms.

NEW SHERMAN HOUSE.—At once put ropes in each sleeping room on second floor for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

Alma.

WRIGHT HOUSE.—At once put notice of fire escape in each room and in public halls.

ARCADA HOTEL.—At once place cards in halls and rooms calling attention to fire escapes, also put ropes in rooms to comply with law; provide individual textile towels in wash room; use ninety inch sheets on beds.

ALMA HOTEL.—At once put ropes in each sleeping room and put up notices calling attention to same; provide chemical fire extinguishers in halls; provide individual textile towels and sheets ninety inches long.

Almont.

HOTEL ALMONT.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; disinfect and keep outdoor toilets clean and in sanitary condition;

HOTEL GOULD.—At once arrange fire escapes to conform to law; put printed notices in halls and sleeping rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room.

Ann Arbor.

ALLENEL HOTEL.—At once arrange fire escapes and egress to conform to Act No. 188 of the Public Acts of 1913; put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in toilet rooms.

CATALPA INN.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

ST. JAMES HOTEL.—At once complete the erection of iron fire escape; put printed notices in halls and sleeping rooms directing way to fire escape; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms.

AMERICAN HOTEL.—At once put printed notices in sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms.

HATHAWAY INN.—At once have an iron fire escape erected on outside of building to conform to law; put printed notices in sleeping rooms and halls directing way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

Armada.

HOTEL EMBER.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; provide individual textile towels in wash room; use sheets ninety inches long on beds; discard comforters and use woolen blankets on beds; disinfect the outside toilets often and keep them sanitary.

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Bad Axe.

HOTEL IRWIN.—At once arrange fire escape to comply with law; put printed notices in guest rooms directing way to fire escapes; use sheets ninety inches long on beds; provide individual textile towels in wash room.

MORROW HOTEL.—At once arrange your fire escape to comply with law; put notices in halls and rooms directing way to fire escapes; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

HOTEL SCHRADER.—At once put ropes in sleeping rooms for fire escapes; use sheets ninety inches long on beds; put chemical fire extinguishers in halls; furnish individual textile towels in toilet room.

STEADMAN HOUSE.—At once put ropes in sleeping rooms for fire escapes and put notices in rooms calling attention to same; use sheets ninety inches long on beds; provide individual textile towels in wash room.

Battle Creek.

ALPENA HOTEL.—At once comply with Act No. 188 of the Public Acts of 1913.

AMERICAN HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913.

HORTONS ROOMING HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913; provide one chemical fire extinguisher for each floor.

WILLIAMS ROOMING HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913; provide one fire extinguisher for each floor.

Barryton.

COMMERCIAL HOUSE.—Within sixty days comply with the provisions of Act No. 188 of the Public Acts of 1913.

BARRYTON HOUSE.—Within sixty days comply with the provisions of Act No. 188 of the Public Acts of 1913.

Bay Shore.

LAKE INDEPENDENCE HOTEL.—Thoroughly clean up premises and place hand railings on all stairways.

Bellevue.

DYER HOUSE.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; disinfect urinal and toilet; use sheets ninety inches long on beds; provide individual textile towels in wash room.

HOTEL SISCO.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash rooms; use sheets ninety inches long on beds; keep toilets disinfected and sanitary.

Bellaire.

WALDEMERE HOTEL.—At once provide ropes in all sleeping rooms, in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide chemical fire extinguishers in all halls; provide individual textile towels in all bed rooms, bath rooms and toilet rooms; provide sheets not less than ninety inches long on all beds; provide cards in all sleeping rooms directing the use of ropes in case of fire; clean and put wash room in a sanitary condition.

BELLAIRE HOUSE.—At once provide ropes in all sleeping rooms, in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide chemical fire extinguishers in all halls; provide sheets not less than ninety inches long on all beds, provide cards in all bedrooms directing the use of ropes in case of fire; provide individual textile towels in all bed, bath, toilet and wash rooms.

RIVERSIDE HOTEL.—At once provide ropes in all sleeping rooms, in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide chemical fire extinguishers in all halls; provide sheets not less than ninety inches long on all beds; provide individual textile towels in all beds, bath, toilet and wash rooms; provide cards in all bedrooms directing use of ropes in case of fire.

Bentor Harbor.

HOTEL BENTON.—At once arrange exits to fire escape to conform to law or build a new escape at west end of halls; put printed notices in halls and sleeping rooms directing the way to fire escape; use sheets ninety inches long on beds.

HOTEL DWAN.—At once put printed notices in halls and sleeping rooms directing the way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

JERUE HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

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MICHIGAN INN.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; provide individual textile towels in wash room; use sheets ninety inches long on beds.

PHOENIX HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds.

SALTZMAN HOTEL.—At once put printed notices in halls and sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet room; use sheets ninety inches long on beds.

Berville.

WARD'S COTTAGE HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash rooms; use sheets ninety inches long on beds.

Beulah.

THE WHITE HOTEL.—At once make arrangements so as to comply with the fifty-four hour law.

Big Rapids.

WESTERN HOTEL.—At once provide as follows: signs indicating location of fire escape, same to be posted in each guest room and halls above ground floor, one chemical fire extinguisher for every twenty-five hundred square feet or less of floor area, separate toilets for use of males and females, and sheets ninety inches long for guests' rooms.

MONTREAL HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913.

HURBY BACK HOTEL.—At once comply with Act No. 188 of the Public Acts of 1913.

SANAFORD HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913.

Birmingham.

BIRMINGHAM INN.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing way to fire escapes; provide individual textile towels in wash room; use sheets ninety inches long on beds.

HOTEL PECK.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in toilet room; use sheets ninety inches long on beds.

Breckenridge.

BRECKENRIDGE HOTEL.—At once put ropes in sleeping rooms for fire escapes; provide individual textile towels in toilet and wash rooms; use sheets ninety inches long on beds.

Brighton.

WESTERN HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escape; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

EASTERN HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; provide individual textile towels in wash room; use sheets ninety inches long on beds; keep toilets in a sanitary condition.

Bronson.

HOTEL FARR.—At once arrange fire escape to conform to law; put printed notices in rooms directing way to fire escapes; use sheets ninety inches long on beds; keep outside toilets in sanitary condition.

Brown City.

CARROLL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms calling attention to ropes; use sheets ninety inches long on beds; put chemical fire extinguishers in halls; furnish individual textile towels in wash room and keep toilet in sanitary condition.

Buchanan.

COTTAGE HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; use sheets ninety inches long on beds; put chemical fire extinguishers in halls.

HOTEL LEE.—At once put printed notices in halls and sleeping rooms directing the way to fire escapes; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

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HOTEL LEE.—Within sixty days erect a fire escape on the east side of building, also one on the south end, extending from third story to ground, according to specifications.

Cadillac.

WEXFORD HOTEL.—Within fifteen days arrange to comply with the fifty-four hour law, also equip your building with signs indicating the way to fire escape and exits.

CO-OPERATIVE HOTEL.—Within fifteen days arrange so as to comply with the fifty-four hour law.

BROWN'S RESTAURANT & HOTEL.—Within fifteen days arrange so as to comply with the fifty-four hour law.

Calumet.

CENTRAL HOTEL & RESTAURANT.—Place hand rail on stairway from office to wash room.

Capac.

HOTEL COOK.—At once put rope fire escapes in each sleeping room on second floor and notices calling attention to same to comply with Act No. 188 of the Public Acts of 1913; provide individual textile towels in wash room; provide chemical fire extinguishers in halls on second floor.

HOTEL DE BURT.—At once put ropes in sleeping rooms for fire escapes and notices calling attention to same; put chemical fire extinguishers in halls; provide sheets ninety inches long on beds.

Caro.

HOTEL CARO.—At once use sheets ninety inches long on beds.

HOTEL EDMUNDS.—At once furnish individual textile towels in toilet rooms and wash room.

MONTAGUE HOTEL.—At once erect an iron fire escape on hotel; put printed notices in halls and rooms calling attention to fire escapes; provide individual textile towels in toilet room.

HOTEL SECOR.—At once use sheets ninety inches long on beds; provide individual textile towels in toilet and wash rooms.

Carson City.

HOTEL MILLER.—Provide better ventilation in toilet rooms.

Carsonville.

CARSON HOUSE.—At once put ropes in rooms for fire escapes and put up printed notices calling attention to same; use sheets ninety inches long on beds; furnish individual textile towels in wash room; clean out and disinfect the toilet and place it in a sanitary condition.

HOTEL MORASH.—At once put ropes in each sleeping room for fire escapes and notices calling attention to them; use sheets ninety inches long on all beds; provide individual textile towels in wash rooms.

Cass City.

GORDON TAVERN.—At once put ropes in sleeping rooms for fire escapes, also printed notices in rooms calling attention to ropes; use sheets ninety inches long on all beds; furnish individual textile towels in toilet and wash rooms.

NEW SHERIDAN HOTEL.—At once arrange fire escape to comply with law; put notices in halls and rooms directing way to fire escapes; use sheets ninety inches long on beds; put chemical fire extinguishers in halls; furnish individual textile towels in toilet and wash rooms.

Cassopolis.

HOTEL GOODWIN.—At once arrange egress to fire escape to conform to law; use sheets ninety inches long on beds; remove laundry from kitchen and renovate and put kitchen in a more sanitary condition. If egress to present fire escape is not left open and free then you must build another fire escape.

Centerville.

CAPITOL HOTEL.—At once either build an iron fire escape on hotel or discontinue use of third floor and then put ropes in sleeping rooms for fire escapes; put printed notices in sleeping rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; disinfect toilets and keep them in sanitary condition; renovate the kitchen.

CAPITOL HOTEL.—At once comply with Act No. 188 of the Public Acts of 1913; within thirty days equip north end of building with fire escape as per specifications, with balcony at hall window on second and third floors.

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Central Lake.

THE TAVERN.—At once provide ropes in all sleeping rooms in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide chemical fire extinguishers in all halls; provide sheets not less than ninety inches long on all beds; provide individual textile towels in all bedrooms, toilet rooms, bath rooms and wash rooms; provide cards in all sleeping rooms directing the use of ropes.

Charlotte.

PENINSULAR HOTEL.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds; provide individual textile towels in wash room.

PHOENIX HOTEL.—At once put printed notices in halls and sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; renovate kitchen, repair floor of same and keep it in sanitary condition.

HOTEL WILLIAMS.—At once put ropes in sleeping rooms for fire escapes; put printed notices in sleeping rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash rooms; use sheets ninety inches long on beds; renovate kitchen and keep it in sanitary condition.

Chesaning.

HOTEL CENTRAL.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; use sheets ninety inches long on beds; provide individual textile towels in wash room; have wall and ceilings of kitchen renovated and kept in a sanitary condition.

WARD HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers on second floor; use sheets ninety inches long on beds.

Chelsea.

CHELSEA HOUSE.—At once put ropes in sleeping rooms for fire escapes, also put printed notices in rooms directing the use of ropes; use sheets ninety inches long on beds; provide individual textile towels in toilet rooms.

BOYD HOTEL.—At once erect fire escapes to conform to Act No. 188 of the Public Acts of 1913; put printed notices in halls and sleeping rooms directing way to fire escapes; provide separate toilets for males and females; provide individual textile towels in wash rooms.

Clarkston.

CLARKSTON HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in sleeping rooms directing the use of ropes; provide individual textile towels in wash room and toilet rooms; use sheets ninety inches long on beds.

Clifford.

HOTEL CLIFFORD.—At once put ropes in sleeping rooms for fire escapes; put notices in rooms calling attention to fire escapes; use sheets ninety inches long on beds; furnish individual textile towels in wash room; clean and disinfect the toilets and keep them in sanitary condition.

HOTEL MARKLE.—At once put ropes in sleeping rooms for fire escapes; put notices in rooms calling attention to fire escapes; use sheets ninety inches long on beds; furnish individual textile towels in wash room; keep the toilet clean and disinfected and in sanitary condition.

Clinton.

CLINTONIAN HOTEL.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room.

Coldwater.

ARLINGTON HOTEL.—At once arrange fire escapes to conform to law; put notices in halls and sleeping rooms directing way to fire escapes; provide chemical fire extinguishers in halls; use sheets ninety inches long on beds.

MICHIGAN INN.—At once erect an iron fire escape to comply with Act No. 188, also put notices in halls and rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash rooms.

HOTEL COMFORT.—At once put ropes in sleeping rooms for fire escapes and printed notices calling attention to fire escapes; put chemical fire extinguishers in halls.

HOTEL SANFORD.—At once change fire escapes to conform to Act No. 188 of the

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Public Acts of 1913; put notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room.

Coloma.

PITCHER HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; provide separate toilet for females; provide individual textile towels in wash room; use sheets ninety inches long on beds.

Colon.

ST. JO HOTEL.—At once put ropes in rooms for fire escapes; put printed notices in rooms calling attention to ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

Columbiaville.

MARATHON HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

Constantine.

HOTEL HARVEY.—At once comply with Act No. 188 of the Public Acts of 1913; within thirty days equip north end of hotel with a standard fire escape as per specifications.

HOTEL HARVEY.—At once put printed notices in halls and sleeping rooms directing the way to fire escapes.

Coopersville.

PLYMOUTH HOTEL.—At once have an iron fire escape erected on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escape; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

Corunna.

GRAND CENTRAL HOTEL.—At once erect an iron fire escape to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

Croswell.

HOTEL CROSWELL.—At once erect an iron fire escape on hotel to comply with law; put printed notices in all sleeping rooms calling attention to and directing way to fire escape; put chemical fire extinguishers in halls; furnish individual textile towels in toilet rooms; use sheets ninety inches long on beds.

HOTEL FRANKLIN.—At once put ropes for fire escapes in each sleeping room and printed notices calling attention to them; put chemical fire extinguishers in halls; use sheets ninety inches long on all beds; provide individual textile towels in toilet rooms.

HOTEL HELM.—At once put five-eighths of an inch rope in each sleeping room, also printed notices calling attention to the ropes; provide individual textile towels in toilet rooms.

Crystal Falls.

HOTEL ELDRED.—Within thirty days provide ropes in each bed room according to specifications, also individual towels in wash room; provide a chemical fire extinguisher for every 2,500 feet of floor area.

HOTEL GREEN.—Within sixty days provide rope in each sleeping room according to specifications, also individual towels in wash rooms; provide a chemical fire extinguisher for every 2,500 feet of floor area.

HOTEL LOCKWOOD.—Within sixty days provide fire escape according to specifications; provide ropes according to section four in all rooms in hotels not over two stories high, also printed notices on wall according to section two.

Davison.

COMMERCIAL HOTEL.—Within thirty days put rope fire escapes in rooms and printed notices calling attention to same; disinfect toilets every week.

Deckerville.

PEPLOE HOTEL.—At once put ropes in sleeping rooms for fire escapes and put notices in rooms calling attention to same; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in wash rooms.

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Detroit.

AMERICAN HOTEL.—At once provide printed notices for bedrooms and halls directing way to fire escape, as described in section 2, and provide chemical fire extinguishers for halls, to comply with section 3 of Act No. 188 of the Public Acts of 1913.

ARLINGTON HOTEL.—At once provide chemical fire extinguishers for halls, as described in section 3 of Act No. 188 of the Public Acts of 1913; also provide printed notices for halls and bed rooms when fire escape is erected, to comply with section 2 of Act No. 188.

AVENUE HOTEL.—At once provide chemical fire extinguishers for halls to comply with section 3, and post printed notices in each hall and guest room directing way to fire escape, to comply with section 2 of Act No. 188 of the Public Acts of 1913.

H. H. BAKER.—Within thirty days erect fire escape on the front of hotel building to take in two windows on each floor above the first, to be built according to specifications of Act No. 188 of the Public Acts of 1913.

BALDWIN HOTEL.—At once provide chemical fire extinguishers; post printed notices in halls and bedrooms; provide individual textile towels; provide regulation bed sheets ninety inches in length; remove all obstructions leading to fire escapes, to comply with Act No. 188 of the Public Acts of 1913.

HOTEL BELMONT.—Within thirty days erect fire escape on front of hotel building Nos. 128 and 130 Grand River Ave., West, toward west end of building to take in two windows on each floor above the first, to be built according to specifications; at once post printed notices in halls and bedrooms; provide chemical fire extinguishers in halls, separate toilets for use of females, individual textile towels and regulation sheets for beds not less than ninety inches in length, to comply with the provisions of Act No. 188 of the Public Acts of 1913.

HOTEL BLANÇA.—At once post printed notices in halls and bed rooms directing way to fire escape, as described in section 2; provide chemical fire extinguishers in halls, as described in section 3; provide separate toilet for use of females as described in section 5; provide sheets for beds not less than ninety inches in length, as described in section 6, to comply with Act No. 188 of the Public Acts of 1913.

VICTOR BRESLER.—At once provide drop ladder for fire escape of Globe Hotel Building, 217 Jefferson Ave., to comply with Act No. 188 of the Public Acts of 1913.

E. BRINDLE (BRINDLE ESTATE).—Within thirty days put fire escape on building occupied by the Elliott House, Cor. Brush and Congress Sts., to comply with section 2 of Act No. 188 of the Public Acts of 1913.

HOTEL BRUNSWICK.—At once provide sheets used for beds not less than ninety inches in length; post printed notices in halls and bedrooms calling attention to and giving directions to fire escape; keep way of egress to fire escapes unlocked, and provide sufficient chemical fire extinguishers in halls.

BRUSH ESTATE.—Within twenty days provide drop ladder for fire escape on Randolph Hotel, as described in section 2 of Act No. 188 of the Public Acts of 1913.

BURKE HOTEL.—At once provide printed notices for all halls and guest rooms, to comply with section 2, and chemical fire extinguishers for halls, to comply with section 3; also provide bed sheets of regulation size not less than ninety inches in length, in accordance with Act No. 188 of the Public Acts of 1913.

HOTEL CADILLAC.—At once provide drop ladders for fire escapes from lower balconies to ground according to state specifications.

CADILLAQUA HOTEL.—At once provide printed notices for halls and bedrooms directing way to fire escape, as described in section 2, also chemical fire extinguishers for hall and on second floor, as described in section 3 of Act No. 188 of the Public Acts of 1913.

CANADA HOTEL.—At once provide printed notices for halls and bedrooms directing way to fire escape and keep all doors leading to fire escape unlocked, as described in section 2; provide chemical fire extinguishers for halls, to comply with section 3; provide individual textile towels and bed sheets of regulation size not less than ninety inches in length, to comply with section 6 of Act No. 188 of the Public Acts of 1913.

CITY HOTEL.—At once provide printed notices for halls and bed rooms and drop ladder for fire escape, to comply with section 2, also chemical fire extinguishers for halls, to comply with section 3, and individual textile towels and bed sheets of regulation size not less than ninety inches in length, to comply with section 6 of Act No. 188 of the Public Acts of 1913.

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COLONIAL HOTEL.—At once provide printed notices for all bedrooms directing way to fire escape, as described in section 2, also chemical fire extinguishers for halls, as described in section 3; provide sheets of regulation size not less than ninety inches in length, to comply with Act No. 188 of the Public Acts of 1913.

CONGRESS HOTEL.—At once provide printed notices in all halls and guest rooms, as described in section 2; provide chemical fire extinguishers for halls as described in section 3; provide all beds with regulation size sheets not less than ninety inches in length, to comply with section 6 of Act No. 188 of the Public Acts of 1913.

WM. DARMSTETTER.—Within thirty days erect fire escape on St. Lawrence Hotel building, Cor. Randolph and Atwater Sts., said fire escape to be built on the south side of building, to take in the two center windows on each floor above the first and must be built according to specifications of Act No. 188 of the Public Acts of 1913.

DETROIT HOTEL.—At once keep way of egress leading to fire escapes unlocked; place printed notices in halls and bedrooms directing the way to fire escapes, as described in section 2; provide chemical fire extinguishers for halls, as described in section 3, to comply with Act No. 188 of the Public Acts of 1913.

EASTERN HOTEL.—At once provide chemical fire extinguishers, as described in section 3, and provide manila ropes for each bedroom, as described in section 4 of Act No. 188 of the Public Acts of 1913.

HOTEL ELDER.—At once post printed notices in halls and bedrooms directing way to fire escape when erected, and provide chemical fire extinguishers in halls, to comply with the provisions of Act No. 188 of the Public Acts of 1913.

ELLIOTT HOUSE.—At once provide chemical fire extinguishers for halls, to comply with section 3 of Act No. 188 of the Public Acts of 1913.

ELLSWORTH HOUSE.—At once provide printed notices for halls and bedrooms directing way to fire escape, as described in section 2, also chemical fire extinguishers for halls, as described in section 3; provide regulation size sheets for beds not less than ninety inches in length, to comply with Act No. 188 of the Public Acts of 1913.

EMERALD HOTEL.—At once post printed notices in halls and bedrooms, as described in section 2; provide chemical fire extinguishers in halls, as described in section 3; provide all beds with regulation sheets not less than ninety inches in length, as described in section 6.

FAIRFAX HOTEL.—At once post printed notices in bedrooms directing the way to fire escapes, as described in section 2; provide chemical fire extinguishers in halls, as described in section 3; provide regulation sheets for beds not less than ninety inches in length, also separate toilets for use of females, to comply with Act No. 188 of the Public Acts of 1913.

HOTEL FRANKLIN.—At once repair fire escape on front of building and provide proper drop ladder for same; provide and maintain printed notices in each guest room calling attention to and directing way to fire escape, as described in section 2; provide chemical fire extinguishers for halls, as described in section 3; keep doors leading to fire escape unlocked.

MRS. ELIZABETH FRELINGHAYSEN (BRUSH ESTATE).—Within thirty days erect fire escape on building No. 156 Randolph Street, such fire escape may be built on back of building providing it is built according to specifications of Act No. 188 of the Public Acts of 1913; within thirty days erect drop ladder on Hotel Ste. Claire boiler room from roof to alley, and also erect drop ladder on fire escape of Hotel Ste. Claire Annex, to comply with Act No. 188 of the Public Acts of 1913.

GLOBE HOTEL.—At once provide printed notices in each hall and guest rooms, to comply with section 2, and chemical fire extinguishers for halls, to comply with section 3; keep all doors leading to fire escape unlocked, to comply with Act No. 188 of the Public Acts of 1913.

HOTEL GORMAN.—At once provide halls with chemical fire extinguishers; post printed notices in halls and bedrooms calling attention to fire escape and giving direction for use of same, to comply with Act No. 188 of the Public Acts of 1913.

GRAND CENTRAL HOTEL.—At once provide printed notices for halls and bedrooms directing way to fire escape and keep doors leading to fire escape unlocked, as described in section 2; provide chemical fire extinguishers for halls and provide bed sheets of regulation size not less than ninety inches in length, to comply with Act No. 188 of the Public Acts of 1913.

GRAND UNION HOTEL.—At once provide halls with chemical fire extinguishers; post printed notices in halls and bedrooms calling attention to fire escapes and

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giving directions for use of same, as described in section 2; provide sheets used on beds ninety inches in length; put roof ladder on fire escape in safe condition and keep all doors leading to fire escapes unlocked, same to comply with Act No. 188 of the Public Acts of 1913.

GRATIOT HOTEL.—At once provide printed notices for all rooms directing way to fire escape, as described in section 2, also chemical fire extinguishers for halls, as described in section 3; provide regulation size bed sheets not less than ninety inches in length, to comply with Act No. 188 of the Public Acts of 1913.

HOTEL GRISWOLD.—At once provide drop ladders for fire escapes from lower balconies to ground; post printed notices in halls and bedrooms calling attention to fire escapes and giving directions for use of same, as described in section 2.

HERMITAGE HOTEL.—At once provide printed notices for all halls and guest rooms, to comply with section 2; provide regulation size sheets for beds not less than ninety inches long, as described in section 6 of Act No. 188 of the Public Acts of 1913.

HOTEL HOFMAN.—At once post printed notices in halls and bedrooms calling attention to fire escapes and giving directions for use of same, as described in section 2, and also comply with Act No. 188 of the Public Acts of 1913.

T. B. HORNSMAN.—Within thirty days erect fire escape on front of Arlington Hotel building to take in two windows on each floor above the first toward the south end of building, to be built according to specifications of Act No. 188 of the Public Acts of 1913.

W. A. JACKSON.—Within thirty days erect fire escape on the front of Hotel Elder building, Nos. 56 to 60 Grand River Ave. W., to take in two windows on each floor above the first toward tthe west end of building, to be built according to specifications of Act No. 188 of the Public Acts of 1913.

KOLB-GOTFREDSON HORSE COMPANY.—Within twenty days provide drop ladder for fire escape of Cadillaqua Hotel, 1099-1101 Gratiot Ave., to comply with Act No. 188 of the Public Acts of 1913.

LARNED HOUSE.—At once provide chemical fire extinguishers for halls, as described in section 3 of Act No. 188 of the Public Acts of 1913; provide individual textile towels and bed sheets of regulation size not less than ninety inches in length, to comply with Act No. 188 of the Public Acts of 1913.

LAUHORNE ROOMING HOUSE.—At once provide chemical fire extinguishers for halls, to comply with section 3, and provide all beds with regulation size sheets not less than ninety inches in length, to comply with section 6 of Act No. 188 of the Public Acts of 1913.

LEONARD'S HOTEL.—At once provide halls with chemical fire extinguishers; post notices in bed rooms calling attention to fire escape and giving directions for use of same; provide all beds with regulation sheets not less than ninety inches in length; keep way of egress leading to fire escape free and clear of all obstruction, as described in Act No. 188 of the Public Acts of 1913.

LIBRARY PARK HOTEL.—At once provide all fire escapes with drop ladders and post printed notices in all bedrooms, to comply with section 2; provide all beds with regulation size sheets not less than ninety inches in length, also keep all doors leading to fire escapes unlocked, in accordance with Act No. 188 of the Public Acts of 1913.

MADISON HOTEL.—At once provide printed notices for halls and bedrooms directing way to fire escape, as described in section 2; provide bed sheets of regulation size not less than ninety inches in length, to comply with section 6 of Act No. 188 of the Public Acts of 1913; within twenty days provide drop ladder for fire escape on the east side of building, to comply with section 2 of Act No. 188 of the Public Acts of 1913.

B. H. MANNING (UNION TRUST AND BRUSH ESTATE).—Within thirty days provide ladder leading from roof to ground for fire escape of Owl Hotel building, 198 Randolph St., to comply with Act No. 188 of the Public Acts of 1913.

B. H. MANNING (UNION TRUST CO.).—Within thirty days erect fire escape on Wabash Hotel building, Cor. Atwater & Brush Sts., according to specifications of Act No. 188 of the Public Acts of 1913.

MARIETTA HOTEL.—At once provide chemical fire extinguishers for halls, as described in section 3, also bed sheets of regulation size not less than ninety inches in length, to comply with Act No. 188 of the Public Acts of 1913.

MERCHANTS HOTEL.—At once provide printed notices in all bedrooms directing way to fire escape, as described in section 2; provide chemical fire extinguishers

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for hall, to comply with section 3, and also provide regulation size bed sheets not less than ninety inches in length, to comply with Act No. 188 of the Public Acts of 1913.

HOTEL METROPOLE.—At once provide drop ladder for fire escape in rear of building, to comply with section 2 of Act No. 188 of the Public Acts of 1913, also post notices in all sleeping rooms, to comply with same section.

MICHIGAN EXCHANGE HOTEL.—At once provide drop ladder for fire escape on south side of building; post printed notices in halls and bedrooms, as described in section 2; provide chemical fire extinguishers for halls, as described in section 3; provide all beds with regulation sheets not less than ninety inches in length, also provide individual textile towels, to comply with section 6.

MORGAN HOUSE.—At once provide drop ladders for fire escapes from lower balconies to ground; post printed notices in halls and bedrooms calling attention to and directing the way to fire escapes, as described in section 2; provide chemical fire extinguishers in halls, as described in section 3 of Act No. 188 of the Public Acts of 1913.

NEW PACIFIC HOTEL.—At once provide printed notices for halls and bedrooms directing way to fire escape, to comply with section 2; provide chemical fire extinguishers for halls, to comply with section 3, and also provide regulation size bed sheets not less than ninety inches in length, to comply with Act No. 188 of the Public Acts of 1913.

NEW YORK HOTEL.—At once provide printed notices for halls and guest rooms, to comply with section 2, also chemical fire extinguishers for halls and regulation size bed sheets not less than ninety inches in length, to comply with section 6 of Act No. 188 of the Public Acts of 1913.

ORIENTAL HOTEL.—At once provide drop ladder for fire escape, to comply with section 2 of Act No. 188 of the Public Acts of 1913, also provide notices in every hall and sleeping room directing way to fire escape; provide fire extinguishers, to comply with section 3 of same act; provide regulation sheets not less than ninety inches in length, to comply with section 6.

OWL HOTEL.—At once provide printed notices for halls and all bedrooms directing way to fire escape, as described in section 2; provide chemical fire extinguishers for halls, as described in section 3; provide bed sheets of regulation size not less than ninety inches in length, as described in section 6; keep all doors leading to fire escape unlocked, to comply with Act No. 188 of the Public Acts of 1913.

HOTEL OXFORD.—At once provide printed notices for bedrooms directing way to fire escape, as described in section 2, also chemical fire extinguishers for halls, as described in section 3; provide individual textile towels for toilet rooms and bed sheets of regulation size not less than ninety inches in length, to comply with Act No. 188 of the Public Acts of 1913.

PALL MALL HOTEL.—At once provide printed notices in each guest room, as described in section 2 of Act No. 188 of the Public Acts of 1913.

POWERS HOTEL.—At once provide halls with chemical fire extinguishers as described in section 3; post printed notices in halls and bedrooms calling attention to fire escape when erected; erect fire escape on front of building to take in third and fourth windows above first floor, counting from Elizabeth St., to be built to comply to specifications of Act No. 188 of the Public Acts of 1913.

PROCTOR HOUSE.—At once provide printed notices for halls and bedrooms directing way to fire escape, as described in section 2; provide chemical fire extinguishers for halls, as described in section 3, provide sheets for beds not less than ninety inches in length, as described in section 6, to comply with Act No. 188 of the Public Acts of 1913.

PUT-IN BAY HOUSE.—Within ten days erect fire escape on front of building to take in two windows on each floor above the first according to specifications of Act No. 188 of the Public Acts of 1913; post printed notices in halls and each bedroom directing way to fire escape; provide chemical fire extinguishers for halls and sheets used for beds not less than ninety inches in length.

HOTEL RANDOLPH.—At once provide and post printed notices in each guest room directing way to fire escape, as described in section 2 of Act No. 188 of the Public Acts of 1913.

REX HOTEL.—At once provide sheets used on beds not less than ninety inches in length; keep the way of egress to fire escape on second floor free and clear of

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all obstruction, to comply with the provisions of Act No. 188 of the Public Acts of 1913.

REYNAERT HOTEL.—At once post notices in halls and bedrooms calling attention to and directing way to fire escape, as described in section 2; provide chemical fire extinguishers in halls, also individual textile towels, and keep doors unlocked leading to fire escape, to comply with the provisions of Act No. 188 of the Public Acts of 1913.

HOTEL RICHTER.—At once repair fire escape; provide chemical fire extinguishers in halls and put printed notices in all bedrooms calling attention to and directing the way to fire escape, to comply with Act No. 188 of the Public Acts of 1913.

ROSEDALE HOTEL.—At once post printed notices in halls and bedrooms directing the way to fire escape, as described in section 2; provide chemical fire extinguishers in halls, as described in section 3; provide individual textile towels and regulation sheets and quilts for beds and keep them in a sanitary condition, as described in section 6; provide drop ladder for fire escape to conform to specifications of Act No. 188 of the Public Acts of 1913.

ST. LAWRENCE HOTEL.—At once provide printed notices for halls and bedrooms directing way to fire escape and keep doors leading to fire escape unlocked, to comply with section 2; provide chemical fire extinguishers for halls, as described in section 3; provide individual textile towels and regulation size sheets not less than ninety inches in length, as described in section 6 of Act No. 188 of the Public Acts of 1913.

HOTEL SAVOY.—At once provide chemical fire extinguishers in halls, as described in section 3, also provide individual textile towels and regulation sheets for beds not less than ninety inches in length, as described in section 6.

STAG HOTEL.—At once provide printed notices for bedroom, to comply with section 2, also chemical fire extinguishers for halls, to comply with section 3; provide regulation size bed sheets not less than ninety inches in length, as described in section 6 of Act No. 188 of the Public Acts of 1913.

STAG HOTEL No. 1.—At once post printed notices in halls and bedrooms directing the way to fire escapes, as described in section 2; provide chemical fire extinguishers in halls, as described in section 3; provide individual textile towels and beds with regulation sheets and quilts and keep them in a sanitary condition, as described in section 6.

STAG HOTEL No. 2.—At once post printed notices in halls and bedrooms directing the way to fire escape, as described in section 2; provide chemical fire extinguishers in halls, as described in section 3; provide individual textile towels and regulation sheets and quilts for beds and keep them in a sanitary condition, as described in section 6.

STAR HOTEL.—At once provide chemical fire extinguishers for halls, as described in section 3; provide regulation size bed sheets not less than ninety inches in length, to comply with section 6 of Act No. 188 of the Public Acts of 1913.

HOTEL TULLER.—At once post printed notices in halls and bedrooms calling attention to fire escapes and give directions for use of same, as described in section 2; provide halls with sufficient chemical fire extinguishers, as described in section 3 of Act No. 188 of the Public Acts of 1913.

HOTEL UTICA—At once provide printed notices for all guest rooms and keep same in conspicuous places; keep all doors leading to fire escape unlocked, to comply with section 2; provide chemical fire extinguishers in halls, to comply with section 3; provide individual textile towels, to comply with section 6, and provide regulation size sheets for beds not less than ninety inches in length.

HOTEL VICTORY.—At once keep all doors leading to fire escape unlocked; provide printed notices in halls and bedrooms calling attention to fire escape and directing use of same, as described in section 2; provide chemical fire extinguishers in halls, to comply with section 3; provide all beds with regulation sheets not less than ninety inches in length, in accordance with Act No. 188 of the Public Acts of 1913.

WABASH HOTEL.—At once provide printed notices directing way to fire escape for halls and bedrooms, to comply with section 2, and also provide chemical fire extinguishers for halls, to comply with section 3; provide individual textile towels and bed sheets of regulation size not less than ninety inches in length, to comply with section 6 of Act No. 188 of the Public Acts of 1913.

WAYNE HOTEL.—At once provide printed notices to be posted in bedrooms calling attention to fire escapes and giving directions for use of same, also provide

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drop ladder for fire escape from lower platform to ground to conform to specifications of Act No. 188 of the Public Acts of 1913.

P. H. WEIN.—Within forty days equip Star Hotel building, 217 Jefferson Ave., E., with fire escape to comply with section 2 of Act No. 188 of the Public Acts of 1913, said fire escape to be built on front of building to take in two windows on each floor above the first.

HOTEL WILSON.—At once provide chemical fire extinguishers in halls, also post printed notices in bedrooms directing way to fire escape and keep way of egress to fire escape unlocked, as described in section 2; provide regulation size bed sheets not less than ninety inches in length, as described in section 6.

WOBBOCK HOTEL.—At once provide printed notices for halls and bed rooms, as described in section 2, and chemical fire extinguishers for halls, as described in section 3 of Act No. 188 of the Public Acts of 1913.

WOOVA HOTEL.—At once provide printed notices for halls and bedrooms, to comply with section 2, and chemical fire extinguishers for halls, to comply with section 3 of Act No. 188 of the Public Acts of 1913.

J. W. WRIGHT.—Within thirty days erect fire escape on Marietta Hotel building, 276 and 278 Randolph St., such fire escape must be built according to specifications of Act No. 188 of the Public Acts of 1913.

Dexter.

STEBBINS HOUSE.—At once equip the hotel with fire escapes to conform to Act No. 188 of the Public Acts of 1913; put printed notices in rooms directing way to fire escapes; provide individual textile towels in wash room; keep toilets in a sanitary condition.

DEXTER HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide separate toilets for females and keep them in a sanitary condition.

Dighton.

HOTEL DIGHTON.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

Dowagiac.

DOWAGIAC HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; provide individual textile towels in wash rooms.

ELKERTON HOTEL.—At once put ropes in sleeping rooms on second floor for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in upper halls; use sheets ninety inches long on beds; provide individual textile towels in wash and toilet rooms.

DOEWAH JACK HOTEL.—Repair refrigerator.

Dryden.

HOTEL DRYDEN.—At once arrange fire escapes to conform to law; put printed notices in sleeping rooms directing way to fire escapes; provide individual textile towels in wash rooms; use sheets ninety inches long on beds; keep toilets in sanitary condition.

Durand.

HOTEL BOYD.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds; clean and disinfect wash room and keep toilets in sanitary condition.

CENTRAL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in sleeping rooms directing the use of ropes; provide individual textile towels in wash room; use sheets ninety inches long on beds; improve light in kitchen.

JUNCTION HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes.

RICHELIEU HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in wash room; arrange drop ladder on fire escape to conform to law; use sheets ninety inches long on beds.

East Tawas.

THE HOLLAND.—Within thirty days install two fire escapes on the south side of building.

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Eagle.

EAGLE HOTEL.—At once conform to state law relating to hotels, a copy of which was furnished you.

Eaton Rapids.

RIVERSIDE INN.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; use sheets ninety inches long on beds.

Edmore.

PHENIX HOTEL.—Within thirty days equip building with fire escapes, same to be built and constructed in accordance with section two of Act No. 188 of the Public Acts of 1913 as near as practical and to be located at roofs of one story parts of building in rear of same.

Elk Rapids.

LAKE VIEW HOTEL.—At once provide ropes in all sleeping rooms in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide sheets not less than ninety inches long on all beds; provide chemical fire extinguishers in all halls; provide individual textile towels in all sleeping rooms, bath rooms and toilet rooms; provide cards in all bedrooms directing the use of ropes in case of fire.

Elkton.

COMMERCIAL HOTEL.—At once put ropes in rooms for fire escapes; put notices in rooms calling attention to ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room; thoroughly disinfect outside toilets.

HURON HOTEL.—At once either put ropes in rooms for fire escapes or build an iron fire escape to comply with law; put printed notices in rooms directing way to fire escapes; use sheets ninety inches long on beds; furnish individual textile towels in wash room; thoroughly clean and disinfect the toilet room for men and keep same sanitary.

Elsie.

HOTEL SOWERSBY.—Place ropes in sleeping rooms, towels in wash room and sheets and comfortables as described in the state law, a copy of which was furnished you.

Escanaba.

THE OLIVER HOTEL.—Within thirty days erect a fire escape according to specifications.

Evart.

EVART HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913.

CHASE INN.—At once comply with the provisions of sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

TRUMBLE HOUSE.—At once equip building with fire escape, same to be constructed in accordance with specifications of section 2 of Act No. 188 of the Public Acts of 1913, and located on front of building at window of upper hall and window to north; provide signs in all rooms and hallways of upper floors, the signs to be in accordance with the same section of same act; at once provide sheets ninety inches in length for all beds; provide separate toilets for males and females; provide individual textile towels for bed rooms and bath and toilet rooms; provide at least one chemical fire extinguisher for every twenty-five hundred square feet or less of floor area in building, same to be hung in public halls.

Farmington.

GRACE HOUSE.—At once erect an iron fire escape to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; keep toilets disinfected and clean; provide individual textile towels for wash room; use sheets ninety inches long on beds.

OWEN HOUSE.—At once erect an iron fire escape and arrange exits to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in wash room; keep toilets cleaned and in sanitary condition by disinfecting them frequently.

Fennville.

SIAS RESTAURANT & ROOMING HOUSE.—At once arrange fire escapes and notices to conform to law; put chemical fire extinguishers in halls; provide individual textile towels; use sheets ninety inches long on beds and comply fully with Act No. 188 of the Public Acts of 1913.

STEVENS HOTEL.—At once either erect an iron fire escape at south end of hall or put ropes in rooms for fire escapes to conform to law, put printed notices in halls and rooms directing the way to fire escape or the use of ropes; use sheets ninety inches long on beds.

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Fenton.

HOTEL FENTON.—At once put printed notices in sleeping rooms directing way to fire escapes; provide individual textile towels in toilet room; use sheets ninety inches long on beds.

Flint.

BRYANT HOTEL.—Within thirty days put signs in hallway showing exits to fire escapes, also see that all fire escapes on building are in good condition as per specifications.

DAYTON HOUSE.—Within thirty days equip hotel with fire extinguishers and cards showing exits of escapes.

Fostoria.

HOTEL FOSTORIA.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds; disinfect toilet at once and clean vault as soon as possible.

Fowler.

FOWLER HOUSE.—Conform to state law regulating hotels, a copy of which I served on you personally.

Frankford.

YEAZEL HOTEL.—At once make arrangements so as not to work your female help more than fifty-four hours per week.

PARK HOTEL.—Make arrangements so as to comply with the fifty-four hour law.

Fremont.

VANS INN.—Within fifteen days arrange to comply with the fifty-four hour law.

Gaylord.

HOTEL DELMONT.—At once arrange and change fire escape to conform to specifications of Act No. 188 of the Public Acts of 1913; provide regulation ropes in sleeping rooms, also post cards in rooms to call guests' attention to same and how to use them in case of fire; provide chemical fire extinguishers in all halls; provide card showing way to fire escape.

HOTEL NATIONAL.—At once provide regulation ropes in all sleeping rooms above first floor, and provide card in each sleeping room notifying guests as to the use of ropes; provide chemical fire extinguishers in all halls in hotel; provide individual towels in all sleeping rooms, wash and bath room.

CADILLAC HOTEL.—At once provide chemical fire extinguishers in all halls; provide sheets on all beds not less than ninety inches long.

WEST SIDE RESTAURANT.—At once repair stairs; provide window at foot of stairs; at once have the entire house placed in a sanitary condition; provide regulation ropes in all sleeping rooms to conform to specifications of Act No. 188 of the Public Acts of 1913; provide chemical fire extinguishers in all halls; provide sheets on all beds ninety inches long.

HOTEL OTSEGO.—At once provide regulation ropes in all sleeping rooms to conform to specifications of section 4 of Act No. 188 of the Public Acts of 1913; provide printed notices in halls and bedrooms calling attention to fire escapes and giving directions for use of same.

Grand Junction.

ACME HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; clean and disinfect toilets often and keep them in sanitary condition.

Grand Rapids.

THE ALBANY HOTEL.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four in any one week nor more than ten in any one day.

AMERICAN HOUSE.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four in any one week nor more than ten in any one day; in accordance with Act No. 188 of the Public Acts of 1913, provide chemical fire extinguishers, notices in each room and hallway indicating location of fire escapes and individual towels in lavoratory and bath rooms.

THE BALDWIN HOTEL.—At once provide as follows: Individual towels in all bedrooms and bath rooms, chemical fire extinguishers for each floor, notices directing the location of fire escape and sheets ninety inches in length. The above to be in accordance with Act No. 188 of the Public Acts of 1913.

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HOTEL CAMPAU.—Within ten days arrange the hours of all your female employes so that they do not exceed fifty-four in any week nor more than ten in any one day; provide additional signs in upper halls indicating location of fire escapes; provide means for breaking doors at fire escape in rear of building.

CITY HOTEL.—At once provide signs in all rooms indicating location of fire escape; provide one chemical fire extinguisher in each hallway; provide individual towels in all bath, toilet and sleeping rooms; provide sheets ninety inches in length for all beds. The above to be in accordance with Act No. 188 of the Public Acts of 1913.

COLUMBIA HOTEL.—Within ten days arrange the hours of all your female employes so that they do not exceed fifty-four in any one week nor more than ten in any one day.

THE CRATHMORE.—At once provide as follows: Chemical fire extinguishers for all halls, notices in each room and hall indicating location of fire escapes, individual towels in all bath rooms, and sheets ninety inches long for all beds. The above to be in accordance with Act No. 188 of the Public Acts of 1913.

HOTEL DERBY.—At once provide individual textile towels in all bath rooms and all guest rooms; provide signs in all sleeping rooms indicating location of fire escapes; provide chemical fire extinguishers in upper halls; do not permit your female employes to work more than fifty-four hours in any week.

HOTEL HERKIMER.—At once post notices in each room and hallway indicating location of fire escapes; provide sheets ninety inches in length on all beds; provide individual towels in lavatory on ground floor.

HERMITAGE HOTEL.—At once provide signs in all rooms and halls indicating location of fire escapes; provide drop ladders from lower balcony to ground on fire escapes on rear of main building; provide sheets ninety inches in length on all beds.

HOTEL IRVING.—Within thirty days provide signs in rooms indicating location of fire escape; provide additional fire extinguishers; at once provide individual towels in bath rooms.

OTTAWA HOUSE.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

THE PORTLAND HOTEL.—At once provide ropes in every sleeping room above the ground floor and post notices calling attention to same; provide individual towels in all sleeping rooms and all bath rooms and at all lavatories; provide sheets ninety inches in length on all beds. The above to be in accordance with Act No. 199 of the Public Acts of 1913.

POST TAVERN.—At once provide signs on each floor and hallway above the ground floor indicating location of fire escapes; provide chemical fire extinguishers in all hallways; provide individual towels in all bath and wash rooms; provide sheets ninety inches in length on all beds.

WALBRIDGE HOUSE.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

WALDRON INN.—At once provide as follows: One chemical fire extinguisher for every twenty-five hundred square feet or less of floor area, notices in each room and hallway indicating location of fire escapes, individual towels in all bath rooms, toilet and guest rooms and sheets ninety inches in length on all beds. The above to be in accordance with Act No. 188 of the Public Acts of 1913.

WELLINGTON HOTEL.—Within ten days arrange the hours of your female employes so that they do not exceed fifty-four in any week nor more than ten in any one day; at once, in accordance with Act No. 188 of the Public Acts of 1913, provide chemical fire extinguishers, signs in each room and hallway indicating location of fire escapes; individual towels in all lavatories and sheets ninety inches long for all beds.

WEST BRIDGE ST. HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913.

Grand Haven.

HOTEL GILDNER.—At once put printed notices in halls and sleeping rooms calling attention to and directing the way to fire escape; provide individual textile towels in toilet room.

RIVERVIEW HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; use sheets ninety inches long on beds; provide individual textile towels in wash room.

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Grass Lake.

LAKE HOUSE.—At once have an iron fire escape erected on outside of the hotel to conform to Act No. 188 of the Public Acts of 1913; at once put printed notices in halls and sleeping rooms directing way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room; keep toilet in a sanitary condition.

Greenville.

HOTEL PHELPS.—Provide additional weight to window at fire escape.

Gwinn.

GWINN HOTEL.—As soon as possible comply with the provisions of Act No. 188 of the Public Acts of 1913, a copy of which was furnished you

Harbor Beach.

AMERICAN HOTEL.—At once put five-eighths of an inch ropes in sleeping rooms to reach the ground; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in toilet rooms; keep every part of house clean and sanitary.

DOW HOUSE.—At once erect an iron fire escape on the west side of hotel to comply with law and put notices in rooms calling attention to them; provide individual textile towels in wash and toilet rooms; use sheets ninety inches long on all beds.

GERMAN HOUSE.—At once put five-eighths of an inch manila ropes in each sleeping room for fire escapes and printed notices calling attention to them; provide individual textile towels for toilet and wash rooms; use sheets ninety inches long on beds.

WILSON HOTEL.—At once erect an iron fire escape at west end of main hall according to law, also put up notices in halls and sleeping rooms directing way to fire escapes; use sheets ninety inches long on all beds; furnish individual textile towels for wash room and toilet rooms.

Hart.

WIGTON HOTEL.—At once change all doors leading from building so they will swing outwardly; change the fire escape on rear of building as it is in a dangerous condition.

Hartford.

HARTFORD HOTEL. Within sixty days erect in place of the wooden fire escape on the south end of said building a steel ladder from third floor to ground not less than sixteen inches wide and not less than four inches from wall.

HARTFORD HOUSE.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and guest rooms directing the way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

MARQUETTE HOTEL.—At once erect an iron fire escape on outside of hotel; put printed notices in halls and sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms.

Hastings.

HOTEL BARRY.—At once have an iron fire escape erected on the outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash and toilet rooms.

PARKER HOUSE.—At once erect an iron fire escape on outside of hotel; put printed notices in halls and sleeping rooms calling attention to and directing the way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in toilet room; replace old quilts and blankets with new sanitary blankets.

Hersey.

HERSEY HOUSE.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

Hillsdale.

HOTEL KEEFER.—At once put printed notices in halls and sleeping rooms directing way to fire escapes.

HOTEL MOSHER.—At once erect an iron fire escape on outside of building to conform to law; put notices in halls and rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds; clean and disinfect the toilet for men.

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SMITH HOTEL.—At once have an iron fire escape erected to conform to law; put printed notices in halls and sleeping rooms directing way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; thoroughly renovate kitchen and make it more sanitary.

Holland.

HOTEL BRISTOL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; use sheets ninety inches long on beds; provide individual textile towels in toilet rooms.

HOTEL HOLLAND.—At once put printed notices in sleeping rooms calling attention to and directing the way to fire escapes; provide additional fire extinguishers in halls; furnish individual textile towels in toilet rooms; renovate kitchen and keep it sanitary.

Holly.

NEW EXCHANGE HOTEL.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds.

Homer.

HOMER HOUSE.—Within thirty days equip hotel with an approved fire escape as per specifications, said escape to reach the third floor with balcony at second floor window, at south end of building.

HOMER HOTEL.—Erect fire escape as soon as possible and when completed put notices in halls and rooms directing way to said fire escape.

Howard City.

THE GOLDEN.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

Howell.

LIVINGSTON HOTEL.—At once arrange the egress to fire escape on third floor so that it shall be unobstructed; put printed notices in each guest room directing way to fire escape; put chemical fire extinguishers in halls; put toilet in a sanitary condition.

HOWELL HOUSE.—At once put ropes in sleeping rooms and arrange fire escape to conform to law; put printed notices in rooms directing the use of fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

Hudson.

HUDSON HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms calling attention to fire escapes; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

HOTEL BRANT.—At once put ropes in rooms for fire escapes; put printed notices in sleeping rooms calling attention to fire escapes; furnish individual textile towels in wash room; use sheets ninety inches long on beds; put chemical fire extinguishers in halls.

NEW COMSTOCK HOTEL.—At once erect an iron fire escape on outside of hotel; put printed notices in halls and sleeping rooms directing way to fire escape; put chemical fire extinguishers in halls; fix walls of kitchen and make it more sanitary by plastering or ceiling.

THE COLONIAL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put notices in rooms calling attention to ropes; put chemical fire extinguishers in halls; provide separate toilets for males and females; use sheets ninety inches long on beds.

Imlay City.

HOTEL MCKINLEY.—At once put chemical fire extinguishers in halls; provide sheets ninety inches long on beds; disinfect toilets.

JOSEPH C. SHAW (Owner of building occupied by Hotel McKinley).—At once put rope fire escapes in guest rooms on second floor and printed notices calling attention to same.

PALMER HOTEL.—At once put ropes in rooms for fire escapes to comply with law, also notices calling attention to the ropes; put chemical fire extinguishers in halls; provide individual textile towels in toilet room; use sheets ninety inches long on beds.

Ionia.

NEW DEXTER HOTEL.—Within fifteen days clean the yard back of hotel and put it in a more sanitary condition.

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Iron River.

THE NEW BOYINGTON.—Within thirty days provide fire escape to take in rear of hotel.

IRON INN.—Within thirty days provide individual towels in toilet room.

Ironwood.

HOTEL CURRY.—Within sixty days provide fire escape on rear of hotel; provide chemical fire extinguisher according to section 3, also provide notices on walls according to section 2.

NEW ST. JAMES HOTEL.—Within sixty days provide fire escape according to specifications, also chemical fire extinguisher for every 2,500 feet of floor surface according to section 3; provide printed notices according to section 2.

Ithaca.

SEAVER HOTEL.—At once put rope fire escapes in your rooms, also notices calling attention to same; provide chemical fire extinguishers in halls; furnish ninety inch sheets on beds.

THE TAVERN.—At once put rope fire escapes in rooms, also printed notices calling attention to same; provide chemical fire extinguishers, and also use ninety inch sheets on beds; provide individual towels in wash rooms.

HOTEL GRATIOT.—At once put in rope fire escapes according to law; use ninety inch sheets on beds; provide notices of fire escapes in halls and rooms.

BACON'S RESTAURANT.—At once put rope fire escapes in rooms and printed notices according to law; use ninety inch sheets on beds; provide separate toilet for females.

H. OTTO (Owner of building occupied by Bacon's Restaurant).—Within ninety days repair and put in order the toilet on second floor of your hotel building.

Jackson.

AMERICAN HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in toilet rooms.

HOTEL CRAWFORD.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms; keep toilet on office floor clean and in sanitary condition.

HOTEL DALTON.—At once arrange the egress to fire escapes so as to be free from obstructions and conform to law.

EAGLE HOTEL.—At once put ropes in sleeping rooms and printed notices calling attention to ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

EAST END HOTEL.—At once erect fire escapes to comply with law, also put printed notices in rooms directing way to fire escapes; furnish individual textile towels in wash room; use sheets ninety inches long on beds.

MURRAY HOTEL.—At once erect an iron fire escape to conform to law; put printed notices in rooms directing way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

HOTEL OSBORN.—At once put printed notices in halls and sleeping rooms directing way to fire escape; furnish individual textile towels in toilet rooms; use sheets ninety inches long on beds.

OSBORN INN.—At once put ropes in sleeping rooms on second floor for fire escapes; put notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

OTSEGO HOTEL.—At once put chemical fire extinguishers in halls; put printed notices in halls and sleeping rooms directing way to fire escapes.

HOTEL RUHL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in wash room; keep kitchen and all parts of house in sanitary condition.

STOWELL HOUSE.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms.

Johannesburg.

NEW FRANKLIN HOTEL.—At once provide chemical fire extinguishers in halls; equip all sleeping rooms with regulation ropes to conform to specifications of section 4 of Act No. 188 of the Public Acts of 1913; provide individual towels in bath room, sleeping rooms and wash room.

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Jonesville.

HOTEL GILMER.—At once arrange the fire escapes to conform to Act No. 188 of the Public Acts of 1913; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet room; use sheets ninety inches long on beds.

LAKE SHORE HOUSE.—At once put ropes in sleeping rooms on second floor for fire escapes; put printed notices in rooms directing the use of ropes; provide individual textile towels; use sheets ninety inches long on beds.

Kalamazoo.

HOTEL HOLT.—Within ten days comply with Act No. 188 of the Public Acts of 1913 by posting notices and directions for use of fire escapes in each hall and sleeping room.

COLUMBIA HOTEL.—Within ten days comply with Act No. 188 of the Public Acts of 1913 by posting in each room and hall notices and directions to fire escapes; provide sheets and blankets of proper size and length; place fire extinguishers in halls as provided in Act No. 188.

NATIONAL HOTEL.—Within ten days comply with Act No. 188 of the Public Acts of 1913 by posting notices and directions for use of fire escapes in every hall and sleeping room; place and maintain in each hall three chemical fire extinguishers; provide fire gong nine inches in diameter on second floor so arranged that it may be operated from any floor.

KALAMAZOO HOTEL.—Within ten days comply with Act No. 188 of the Public Acts of 1913 by posting in each hall and sleeping room notices and directions for use of fire escape; equip rear of building with a standard fire escape; place a chemical fire extinguisher in each hall.

HOTEL WITWER.—At once comply with Act No. 188 of the Public Acts of 1913 by posting in each hall and sleeping room notices and directions for use of fire escapes; provide individual textile towels, and place a ten inch fire gong in Annex.

HOTEL WINDSOR.—At once comply with Act No. 188 of the Public Acts of 1913; move fire escape to windows at end of hall; post notices and directions for use of fire escape in each hall and sleeping room; provide two fire extinguishers in each hall; provide ninety inch sheets for beds.

HINCKLE STAG HOTEL.—At once comply with Act No. 188 of the Public Acts of 1913.

HOTEL PORTAGE.—At once comply with Act No. 188 of the Public Acts of 1913.

HOTEL WHITCOMB.—At once comply with Act No. 188 of the Public Acts of 1913 by equipping building with fire escape on south side, as per specifications, and providing fire extinguishers in halls and notices in rooms, etc.

HOTEL SAVOY.—Within thirty days equip rear of building with fire escape, and at once comply with Act No. 188 of the Public Acts of 1913.

Kingston.

HOTEL KINGSTON.—At once put ropes in sleeping rooms for fire escapes and put up printed notices calling attention to the ropes; use sheets ninety inches long on beds; furnish individual textile towels in wash room; keep toilets clean and disinfect them frequently and at all times have them in a sanitary condition.

Lansing.

HOTEL FLEMING.—At once provide an iron fire escape on building to comply with the law, also printed notices in halls and rooms giving location of same; put individual towels in wash room, also place chemical fire extinguishers in halls; place back yard in a more sanitary condition.

HOTEL DIGBY.—Within sixty days install a fire escape on building, the same to be built according to state specifications.

HOTEL BUTLER.—At once place cards in halls and guest rooms calling attention to fire escapes; also place individual textile towels in toilet rooms and ninety inch sheets on all beds.

COMMERCIAL HOTEL.—At once provide chemical extinguishers in halls, also notices in halls and rooms calling attention to fire escape; provide individual textile towels in toilet rooms; furnish beds with sheets ninety inches long.

SCHAVEY HOTEL.—At once install a fire escape on the west end of your hotel, situated 1118-1122 Washington Ave., the same to be built according to state specifications.

HOTEL HOWE.—At once install a fire escape on the south side of Hotel Howe, the same to be built according to state specifications.

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Lapeer.

FARMER'S HOME.—Within thirty days put up an iron fire escape on building to comply with law; also provide notices calling attention to same; provide individual textile towels in toilet room; use sheets ninety inches long on beds.

HOTEL GRAHAM.—At once put up notices in rooms and halls calling attention to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; at once put an iron fire escape on hotel to conform to law.

JUNCTION HOTEL.—At once put rope fire escapes in rooms and printed notices calling attention to same; provide individual textile towels in wash room; provide sheets ninety inches long on beds; put chemical fire extinguishers in halls.

MARSHALL HOUSE.—At once put in rope fire escapes and printed notices calling attention to same according to law; provide individual textile towels in toilet room.

SPERRY HOTEL.—At once put rope fire escapes in each room and provide printed notices giving directions for use of same; use sheets ninety inches long on beds; put chemical fire extinguishers in halls on second floor.

Le Roy.

MEAD HOTEL.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

Ludington.

HOTEL CLIFTON.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you January 5, 1914.

COMMERCIAL HOTEL.—At once arrange to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 22, 1913.

FLETCHER HOTEL.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 22, 1913.

FILOR HOUSE.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 31, 1913.

HERRGESELL HOUSE.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 22, 1913.

LAIDLOW'S BOARDING HOUSE.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you January 2, 1914.

LAKE VIEW HOUSE.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you January 2, 1914.

LUDINGTON HOTEL.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 22, 1913.

MANISTEE HOTEL.—At once arrange so as to comply in full with Act No. 188 of the Public Acts of 1913, as per copy of said law left with you December 22, 1913.

MONTREAL HOUSE.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 22, 1913.

PERE MARQUETTE HOTEL.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 22, 1913.

STEARNS HOTEL CO.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said law left with you December 31, 1913.

ST. CHARLES HOTEL.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 31, 1913.

BURNS RESTAURANT.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 31, 1913.

PENNENT RESTAURANT.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 31, 1913.

HITCHCOCK BOARDING HOUSE.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you December 31, 1913.

HUB RESTAURANT.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you January 5, 1914.

Lake Odessa.

HOTEL BURKE.—At once provide fire escape on rear of building, also fire extinguishers for every twenty-five hundred square feet of floor area; provide individual textile towels for wash rooms; provide sheets ninety inches in length.

Lakeview.

LAKEVIEW HOUSE.—Do not permit females to work more than fifty-four hours in any one week.

Lewiston.

QUEBEC HOTEL.—At once equip all sleeping rooms with regulation ropes to conform to specifications of section 4 of Act No. 188 of the Public Acts of 1913;

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provide chemical fire extinguishers in all halls; post notices in all sleeping rooms giving directions for use of ropes; provide individual textile towels in all sleeping rooms, bath rooms and wash room.

Ludington.

FLETCHER HOTEL.—Within thirty days provide fire escape at the south end of west wing of building, same to extend to roof, with landing at second floor, also provide bridge leading from south window of third floor, to roof of west wing.

Mt. Clemens.

EASTMAN HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; arrange fire escapes to conform to law; put chemical fire extinguisher in halls; provide individual textile towels in toilet room.

NEW NATIONAL HOTEL.—At once put ropes in sleeping rooms on second floor for fire escapes; put printed notices in rooms directing the use of ropes; provide chemical fire extinguishers in halls; provide individual textile towels in toilet room; use sheets ninety inches long on beds.

REH HOTEL.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escapes.

HOTEL WAPPNER.—At once erect an iron fire escape outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in toilet rooms.

ARLINGTON HOTEL.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escapes.

CAPRON HOTEL.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escape; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

HOTEL CASS.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

CLEMENTINE HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash rooms; use sheets ninety inches long on beds.

CLIFTON HOUSE.—At once erect an iron fire escape on outside of building to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room.

COLONIAL HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; arrange drop ladders to stairs from bottom of fire escapes to ground.

CRYSTAL HOUSE.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet room; use sheets ninety inches long on beds; discard old comforters on beds and use sanitary blankets.

DETROIT HOUSE.—At once put ropes in sleeping rooms on second floor for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

EDISON HOTEL.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in rooms directing way to fire escape; use sheets ninety inches long on beds.

ELKINS HOTEL.—At once erect an iron fire escape on hotel; put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

FOUNTAIN HOTEL.—At once build a new fire escape at end of halls or arrange fire escape to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; use sheets ninety inches long on beds; provide individual textile towels in wash rooms.

GLENWOOD HOTEL.—At once erect an iron fire escape on outside of hotel; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

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LEXINGTON HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

MEDEA HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in toilet room; use sheets ninety inches long on beds.

MONROE HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

OLYMPIA HOTEL.—At once put printed notices in halls and sleeping rooms directing the way to fire escapes.

PARK HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in toilet rooms.

HOTEL SHERMAN.—At once put printed notices in halls and guest rooms directing way to fire escapes; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds; discard old comforters on beds and replace with new ones or with woolen blankets.

STAG HOTEL.—At once erect an iron fire escape on outside of building to conform to law; put printed notices in halls and sleeping rooms directing way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

VILLA HOTEL.—At once erect an iron fire escape to conform to law; put printed notices in halls and sleeping rooms directing way to fire escape; provide individual textile towels in wash rooms.

Mt. Pleasant.

THE BENNETT HOUSE.—You are hereby notified to conform to Act No. 188 of the Public Acts of 1913 relative to the conduct of hotels, inns and public lodging houses, of which I served you with a copy also the specifications for fire escapes required by the State Factory Inspection.

THE DONOVAN HOUSE.—You are hereby notified to conform to Act No. 188 of the Public Acts of 1913 relating to the conduct of hotels, inns and public lodging houses, of which I served you with a copy also the specifications for fire escapes required by the State Factory Inspection.

ISABELLES HOTEL.—You are hereby required to conform to Act No. 188 of the Public Acts of 1913, an act relating to the conduct of hotels, inns and public lodging houses, of which I served you with a copy.

Mackinaw City.

NEW MACKINAW HOTEL.—At once install approved fire escapes on said hotel on end of hall at rear of building.

Mancelona.

HOTEL HANDY.—At once provide ropes in all sleeping rooms, in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide chemical fire extinguishers in all halls; provide individual textile towels in all sleeping, bath and toilet rooms; provide sheets not less than ninety inches long on all beds; provide cards in all rooms directing guests to the use of ropes.

BROWN HOTEL.—At once provide ropes in all sleeping rooms, in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide chemical fire extinguishers in all halls; provide sheets on all beds not less than ninety inches long; provide individual towels in all bed rooms, bath rooms and toilet rooms; provide cards in all rooms with directions for use of ropes; disinfect toilets at least once a week.

HOTEL BURK.—At once provide ropes in all sleeping rooms, in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide chemical fire extinguishers in all halls; provide sheets not less than ninety inches long on all beds; provide individual textile towels in all sleeping, toilet, bath and wash rooms; provide cards in all sleeping rooms directing use of ropes; disinfect toilets at least once a month.

PARK VIEW HOTEL.—At once provide ropes in all sleeping rooms, in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide chemical fire extinguishers in all halls; provide individual textile towels in all bedrooms and wash rooms; provide cards in all bedrooms directing the use of ropes; disinfect toilets at least once a week.

Manchester.

HOTEL MANCHESTER.—At once have an iron fire escape erected on the outside of

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hotel to conform to Act No. 188 of the Public Acts of 1913; at once put printed notices in halls and sleeping rooms directing way to fire escapes; use sheets ninety inches long on beds.

Manistee.

THE BRINY INN.—At once equip high pressure boiler with an approved low water alarm.

Manton.

PIPER HOTEL.—Within thirty days arrange to comply with the fifty-four hour law.

Marine City.

COLONIAL HOTEL.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in same rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds; discard old comforters and replace with sanitary blankets.

HOTEL DUPONT.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

INTERNATIONAL HOTEL.—At once have an iron fire escape erected on hotel to conform to law; put printed notices in halls and rooms directing the way to fire escapes; provide individual textile towels in wash room; use sheets ninety inches long on beds and keep the beds in sanitary condition.

Marlette.

NEW EXCHANGE HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms calling attention to ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in toilet and wash rooms.

NEW MARLETTE HOUSE.—At once put ropes in rooms for fire escapes; put up notices in rooms calling attention to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash rooms.

Marion.

HOTEL CURTISS.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

MARION HOUSE.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

Marshall.

HOTEL CRESCENT.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms calling attention to ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

DART INN.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

NEW HERNDON HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in each hall; provide individual textile towels in toilet rooms.

HOTEL ROYAL.—At once put printed notices in halls and sleeping rooms directing way to fire escape; provide individual textile towels in toilet and wash rooms.

Mayville.

BRICK HOTEL.—At once put ropes in sleeping rooms for fire escapes; put notices in rooms calling attention to fire escapes; use sheets ninety inches long on beds; provide individual textile towels in wash room; clean and disinfect the men's toilet.

SHAY'S TAVERN.—At once put ropes in sleeping rooms for fire escapes; put notices in rooms calling attention to ropes; use sheets ninety inches long on beds; put chemical fire extinguishers in halls on second floor; disinfect toilets often.

Mecosta.

WILSON HOUSE.—Within sixty days comply with Act No. 188 of the Public Acts of 1913.

Memphis.

HOTEL NATIONAL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; provide individual textile towels in wash rooms; use sheets ninety inches long on beds; disinfect toilets and keep them clean and in sanitary condition.

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Menominee.

RICHARD HOTEL.—Within thirty days provide fire escape on Ludington Ave. side or on rear of building.

NATIONAL HOTEL.—Within thirty days provide fire escape on First Street side so as to take care of rear of hotel.

Midland.

SELLEY HOTEL.—Within ninety days put up an iron fire escape on building; at once put chemical fire extinguishers in halls; furnish beds with sheets ninety inches long; put up notices in rooms calling attention to way of escape in case of fire.

CENTRAL HOTEL.—At once place ropes in rooms for fire escapes and printed notices calling attention to them; furnish sheets ninety inches long on beds; provide individual textile towels in toilet room, all to comply with Act No. 188 of the Public Acts of 1913.

Milan.

HOTEL STIMPSON.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

Minden City.

MINDEN CITY HOTEL.—At once put five-eighths of an inch ropes in sleeping rooms for fire escapes and printed notices directing use of same; use sheets ninety inches long on all beds; provide individual textile towels in wash rooms; disinfect all parts of house often.

WEBBER HOTEL.—At once put five-eighths of an inch manila ropes for fire escapes in each sleeping room; put up printed notices in rooms directing the use of ropes; use sheets ninety inches long on all beds; furnish individual textile towels in wash room; keep toilets disinfected and clean.

WEST END HOTEL.—At once put five-eighths of an inch rope in each sleeping room for fire escape; put up printed notices calling attention to the ropes; use sheets ninety inches long on beds; provide individual textile towels in wash room and toilet rooms.

Morenci.

SAULSBURY HOTEL.—At once erect an iron fire escape on outside of hotel; put notices in halls and sleeping rooms directing way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

Morrice.

COMMERCIAL HOUSE.—At once install fire escape to conform to law, put up notices calling attention to same; furnish individual towels in wash rooms, and furnish beds with sheets ninety inches long.

Muir.

HOTEL MUIR.—Within twenty days place toilet for males in a more sanitary condition and remove it from its present location.

Muskegon.

COLLINS EUROPEAN HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

HOTEL DELMAR.—At once have an iron fire escape erected on the outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

EXCHANGE HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls use sheets ninety inches long on beds.

HAMMERSCHMIDT HOTEL.—At once put printed notices in halls and guest rooms directing the way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

HENTSCHEL HOTEL.—At once arrange egress to fire escape to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls.

MILWAUKEE HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in each room directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds; disinfect toilets often and keep them sanitary.

HOTEL MUSKEGON.—At once arrange fire escape to conform to law; put printed

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notices in halls and guest rooms calling attention to and directing the way to fire escape.

OCCIDENTAL HOTEL.—At once put printed notices in halls and sleeping rooms directing the way to fire escapes.

PARK HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in each room directing the use of fire escapes; provide individual textile towels in wash room.

Nashville.

NEW NASHVILLE HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide and furnish individual textile towels in wash room; keep toilet disinfected; clean up the back yard.

New Baltimore.

CHESTERFIELD HOTEL.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escape; put chemical fire extinguishers in each hall; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

GRAND PACIFIC HOTEL.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in each room directing the use of ropes; put chemical fire extinguishers in hall on second floor.

New Haven.

ATLANTIC HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds; keep toilets disinfected and in sanitary condition.

HOTEL GRAUSTARK.—At once put ropes in sleeping rooms for fire escapes; put printed notices in sleeping rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; provide individual textile towels in wash room; use sheets ninety inches long on beds.

Niles.

PIKE HOUSE.—Within thirty days erect a fire escape on the south end of building from window in third story to roof below, in accordance with specifications furnished.

PIKE HOUSE.—At once arrange exits and drop ladder to fire escape to conform to law; put ropes in sleeping rooms on second floor of east wing of hotel; put printed notices in rooms directing the use of ropes; use sheets ninety inches long on beds.

North Branch.

HOTEL MELANIC.—At once arrange fire escapes to conform to Act No. 188 of the Public Acts of 1913; put notices in rooms calling attention to fire escapes; provide individual textile towels in toilet and wash rooms.

NEW NORTH BRANCH HOTEL.—At once put ropes in sleeping rooms for fire escapes; put up notices in rooms calling attention to ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds; furnish individual textile towels in toilet and wash rooms.

Northville.

FAIR INN.—At once put ropes in sleeping rooms to conform to law; put printed notices in sleeping rooms directing the use of ropes; provide individual textile towels in wash room; use sheets ninety inches long on beds.

PARK HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

THOMAS TAVERN.—At once put ropes in sleeping rooms for fire escapes; put notices in rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

Olivet.

WALTON TAVERN.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; have hall and rooms on second floor renovated and keep them sanitary; arrange drain for kitchen slops and refuse.

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Onaway.

HOTEL CHANDLER.—At once provide ropes securely fastened to floor of rooms to be used as a means of escape in case of fire.

METROPOLE HOTEL.—At once equip sleeping rooms with ropes securely fastened to floor to be used as a means of escape in case of fire.

WALDORF HOTEL.—At once provide ropes in all sleeping rooms securely fastened to floor to be used as a means of escape in case of fire.

Orion.

COMMERCIAL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers on second floor; use sheets ninety inches long on beds.

HOTEL LAKESIDE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; provide individual textile towels in wash room; use sheets ninety inches long on beds; keep toilets in sanitary condition.

COMMERCIAL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers on second floor; use sheets ninety inches long on beds.

Ortonville.

ORLANDO HOTEL.—At once put ropes in sleeping rooms to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds; keep toilet disinfected and in sanitary condition.

Otsego.

MURRAY'S TAVERN.—At once either build an iron fire escape on south end of hall or put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms and halls directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room.

Otter Lake.

HOTEL GARLAND.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds; disinfect toilet room and keep it in sanitary condition.

Ovid.

CLINTON HOUSE.—At once arrange fire escapes to conform to law; put printed notices in sleeping rooms directing use of fire escapes; put chemical fire extinguishers in halls; provide and use sheets ninety inches long on beds.

Owosso.

NATIONAL HOTEL.—At once put chemical fire extinguishers in public halls, also printed notices in each guest room calling attention to fire escapes and conforming to law.

WILDERMUTH HOTEL.—At once put printed notices in halls and rooms calling attention to fire escape and in all ways conform to Act No. 188 of the Public Acts of 1913.

CHARLES CONNER (Owner of building occupied by Hotel Hauck).—At once erect an iron fire escape on hotel to comply with Act No. 188 of the Public Acts of 1913.

HOTEL HAUCK.—At once have an iron fire escape erected on hotel; put printed notices in sleeping rooms directing way to fire escape; use sheets ninety inches long on beds; provide individual textile towels in wash room.

OCCIDENTAL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put notices in rooms directing way to fire escapes; provide individual textile towels in wash room.

Oxford.

OAKLAND HOUSE.—At once erect an iron fire escape on outside of hotel; put printed notices in rooms and halls directing way to fire escapes; use sheets ninety inches long on beds; provide individual textile towels in wash room.

Paw Paw.

DYCKMAN HOUSE.—See that the girl's room is placed in a more sanitary condition.

Petoskey.

NEW PETOSKEY HOTEL.—At once provide two fire escapes on the north end of building and designate the exit to same by signs.

HOTEL PERRY.—Erect three fire escapes on building; provide fire extinguishers in all halls and individual towels in all toilet and wash rooms.

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Pigeon.

HOTEL HEASTY.—At once arrange the fire escapes to comply with Act No. 188 of the Public Acts of 1913; put printed notices in halls and rooms calling attention to fire escapes; use sheets ninety inches long on beds; put chemical fire extinguishers in both halls.

Plainwell.

HOTEL METZGER.—If you discontinue the use of third floor at once put ropes in sleeping rooms on second floor for fire escapes, or build an iron fire escape on outside of hotel; put printed notices in halls and sleeping rooms calling attention to and directing the way to fire escape; put chemical fire extinguishers in halls on second floor; provide individual textile towels in wash room; use sheets ninety inches long on beds; clean and renovate walls of kitchen so that they will be sanitary.

Plymouth.

COMMERCIAL HOTEL.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on all beds; provide individual textile towels in wash room.

PLYMOUTH HOUSE.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; use sheets ninety inches long on all beds; provide individual textile towels in toilet room.

Pontiac.

NORTHERN HOTEL.—Within ten days change all doors that lead out of building to swing outwardly.

COLONIAL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds; keep every room and all beds in a sanitary condition.

HOTEL HARNACK.—At once arrange fire escapes to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in wash room.

HOTEL HODGES.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; put individual textile towels in toilet room; renovate the walls and ceiling of kitchen and keep it in a sanitary condition.

HURON HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; use sheets ninety inches long on beds.

NORTHERN HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in sleeping rooms directing the use of ropes; provide individual textile towels in wash room; clean and disinfect the men's toilet room and make it sanitary.

PONTIAC HOTEL.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

HOTEL WOODWARD.—At once put printed notices in sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

Port Huron.

AMERICAN HOTEL.—At once put rope fire escapes in rooms and printed notices calling attention to them; put chemical fire extinguishers in halls; use individual textile towels in toilet rooms; use sheets ninety inches long on beds.

HOTEL BECKTON.—At once erect an iron fire escape on outside of building to conform to law, also printed notices in each room directing way to fire escape; put in chemical fire extinguishers in halls; use sheets ninety inches long on all beds.

CENTRAL HOTEL.—At once put ropes for fire escapes in each sleeping room, also printed notices calling attention to them; put chemical fire extinguishers in halls; provide individual textile towels in toilet and wash rooms.

CITY HOTEL.—At once put ropes in rooms for fire escapes and printed notices calling attention to them; put chemical fire extinguishers in halls; use sheets on beds ninety inches long, and provide individual textile towels in wash room.

GRISWOLD HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; provide individual textile towels in wash rooms; use sheets ninety inches long on beds.

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HARRINGTON HOTEL.—At once repair low water alarms on boilers of heating plant; put printed notices in sleeping rooms to comply with law.

HOTEL LAUTH.—At once put printed notices in halls and each room directing way to fire escape; provide individual textile towels in wash room and toilet rooms; use sheets ninety inches long on all beds.

METROPOLE HOTEL.—At once arrange egress to fire escape to comply with law; put up notices in halls and rooms directing way to fire escape; put up chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

NEW NORMANDY HOTEL.—At once arrange fire escape to comply with law and put up notices calling attention to same; put chemical fire extinguishers in halls; use sheets ninety inches long on all beds; furnish individual textile towels in toilet and bath rooms.

NORTHWEST HOTEL.—At once put ropes in rooms for fire escapes and put up notices calling attention to same; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

RONAN HOTEL.—At once put ropes for fire escapes in rooms on second floor, also notices calling attention to same; provide individual textile towels for wash rooms.

SAVOY HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

ST. CLOUD HOTEL.—At once erect an iron fire escape on outside of building, also put printed notices in rooms calling attention to fire escape; provide chemical fire extinguishers in halls; use individual textile towels in wash rooms; use sheets ninety inches long on all beds.

UNION HOTEL.—At once put up an iron fire escape to conform to law, also provide printed notices in halls and rooms calling attention to same; provide individual textile towels in wash and toilet rooms.

HOTEL VICTORIA.—At once put up an iron fire escape on outside of building, also put printed notices in rooms and halls directing way to fire escapes; put chemical fire extinguishers in halls; use individual textile towels in wash rooms and toilet rooms; use sheets ninety inches long on beds.

Posen.

ADAMS HOUSE.—At once provide ropes in all sleeping rooms securely fastened to the floor to be used as a means of escape in case of fire.

Quincy.

HOTEL FILLMORE.—At once erect an iron fire escape to conform to law; put notices in rooms and halls directing way to fire escape; use sheets ninety inches long on beds.

Reading.

READING HOTEL.—At once erect an iron fire escape on outside of hotel; put notices in halls and rooms directing way to fire escape; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

Reed City.

KING HOTEL.—At once comply with Act No. 188 of the Public Acts of 1913.

HOTEL MILLER.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

ST. ELMO HOTEL.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

Remus.

REMUS HOUSE.—Within sixty days comply with Act No. 188 of the Public Acts of 1913.

Richmond.

GLENWOOD HOTEL.—At once put ropes in sleeping rooms on second floor for fire escapes; put printed notices in rooms directing the use of fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds.

HOTEL LENNOX.—At once put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room.

NEW ELLIOTT HOUSE.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in wash room; use sheets ninety inches long on beds.

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Roaring Brook.

ROARING BROOK INN.—At once provide ladder for use in case of fire in females' sleeping rooms over laundry.

Rochester.

DETROIT HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds; discard old comforters on beds and replace with woolen blankets.

ST. JAMES HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; provide individual textile towels in toilet room; use sheets ninety inches long on beds.

Rogers City.

KITCHEN'S HOUSE.—At once install ropes in all sleeping rooms securely fastened to floor to be used as a means of escape in case of fire.

Romeo.

HOTEL ROMEO.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in wash room and toilet room.

St. Charles.

HOTEL BOSWELL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds; provide separate toilet for females; keep toilets disinfected and clean.

HOTEL ST. CHARLES.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds; provide individual textile towels in wash room; keep privies and toilet room in sanitary condition.

St. Clair.

CADILLAC HOTEL.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms.

ST. CLAIR HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; provide individual textile towels in wash room; use sheets ninety inches long on beds.

SHERMAN HOUSE.—At once have an iron fire escape erected on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; provide individual textile towels in wash rooms; use sheets ninety inches long on beds.

St. Johns.

STEEL HOTEL.—At once comply with the state law regulating certain conditions in hotels, a copy of which was furnished you; replace towels in toilet room.

St. Joseph.

LAKE VIEW HOTEL.—At once put printed notices in halls and sleeping rooms directing the way to fire escape; provide individual textile towels in toilet rooms.

HOTEL MAY.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash rooms; use sheets ninety inches long on beds.

NEWPORT HOUSE.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds.

PALACE HOTEL.—At once put printed notices in sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in wash room; use sheets ninety inches long on beds and keep them in sanitary condition.

HOTEL WHITCOMB.—At once put printed notices in halls and sleeping rooms directing the way to fire escapes.

St. Louis.

PARK HOTEL.—Within thirty days equip the building with iron fire escapes to conform to Act No. 188 of the Public Acts of 1913, and place printed notices in

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halls and rooms calling attention to same; place chemical fire extinguishers in halls so as to comply with law.

EXCHANGE HOTEL.—Within thirty days put rope fire escapes in rooms and notices calling attention to same to conform to law; provide individual towels in wash room.

Saginaw.

SHERMAN HOTEL.—At once put up iron fire escape to conform to law, also notices calling attention to same; furnish individual textile towels in toilet room; use sheets ninety inches long on beds.

BANCROFT HOTEL.—At once put printed notices in guest rooms and halls calling attention to location of fire escapes; provide sheets ninety inches long for all beds.

T. W. GREEN (Agent for Everett Hotel Building).—At once provide an iron fire escape on hotel to conform to Act No. 188 of the Public Acts of 1913.

WRIGHT HOTEL.—At once put notices of location of fire escapes in each sleeping room and in halls; provide individual textile towels in toilet rooms.

SARATOGA HOTEL.—At once erect an iron fire escape on the outside of hotel to comply with Act No. 188 of the Public Acts of 1913; put individual textile towels in toilet rooms; provide printed notices in rooms and halls calling attention to fire escapes.

EVERETT HOUSE.—At once put notices in halls and rooms directing way to fire escapes; provide individual textile towels in toilet rooms; furnish sheets ninety inches long on beds.

VINCENT HOTEL.—At once put printed notices in each room and halls calling attention to fire escapes.

VEAGUE HOTEL.—At once repair iron fire escapes and put notices in halls and rooms calling attention to same; provide chemical fire extinguishers; provide individual textile towels in toilet room to comply with law.

VEAGUE'S HOTEL & RESTAURANT.—Within five days regulate the hours of your female help to conform to the fifty-four hour a week law.

WESTLEY HOTEL.—At once arrange fire escapes to conform to Act No. 188 of the Public Acts of 1913; put printed notices in sleeping rooms directing way to fire escapes; use sheets ninety inches long on beds; provide individual textile towels in toilet room.

ARNDT HOTEL.—At once put ropes in sleeping rooms for fire escapes; put notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room.

HOTEL LESHER.—At once have fire escapes arranged to conform to Act No. 188 of the Public Acts of 1913; put printed notices in halls and rooms directing way to fire escapes; at once put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual towels in wash room.

FERGUSON HOUSE.—At once put an iron fire escape at end of east hall; put chemical fire extinguishers in halls; put printed notices in sleeping rooms directing way to fire escapes; use sheets ninety inches long on beds; provide individual textile towels in wash rooms; keep all parts of hotel in sanitary condition.

HOTEL FORDNEY.—At once erect an iron fire escape to comply with specifications of Act No. 188 of the Public Acts of 1913; put printed notices in rooms and halls directing way to fire escapes; furnish individual textile towels in toilet rooms.

HOTEL SCHUCK.—At once erect an iron fire escape to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms.

Saline.

THE TAVERN.—At once put ropes in sleeping rooms for fire escapes; put printed notices in sleeping rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on all beds.

Sandusky.

NEW MCDONALD HOTEL.—At once erect an iron fire escape on outside of hotel to comply with law; put printed notices in rooms and halls calling attention to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet and wash rooms.

HOTEL SANDUSKY.—At once erect an iron fire escape on hotel to comply with law, also put up notices in halls and rooms directing way thereto; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

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Saugatuck.

HOTEL BUTLER.—At once arrange fire escape to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

HOTEL DAVIS.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; provide individual textile towels in wash rooms; use sheets ninety inches long on beds.

Schoolcraft.

COMMERCIAL HOTEL.—At once put printed notices in halls and sleeping rooms directing the way to fire escape; put chemical fire extinguishers in halls; disinfect urinal and toilets so that they will at all times be in sanitary condition.

Scottville.

HUNTERS INN.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you January 5, 1914.

OAK CAFE.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you January 5, 1914.

POIRIER'S RESTAURANT.—At once arrange so as to comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left with you January 5, 1914.

CARTER'S PRIVATE ROOMING HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913, as per copy of said act left by me this 5th day of January, 1914.

Sebewaing.

AMERICAN HOTEL.—At once put ropes in sleeping rooms for fire escapes; put up printed notices calling attention to ropes; use sheets ninety inches long on beds; provide individual textile towels in wash rooms.

HOTEL HANNAH.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms calling attention to ropes; use sheets ninety inches long on beds; provide individual textile towels in toilet rooms.

Shelby.

HOTEL SHELBY.—At once change all doors so they will swing outwardly; repair balcony on second floor and put it in a safe condition; erect balcony or platform on the rear end of building where old stairway was taken down as this would be a great help in case of fire; drainage from both toilets must be cleaned, also cistern.

Shepherd.

THE TAYLOR HOUSE.—You are hereby notified to conform to Act No. 188 of the Public Acts of 1913 relating to the conduct of hotels, inns and public lodging houses, a copy of which was furnished you.

South Haven.

JOHNSTON HOTEL.—At once have the iron fire escapes rebuilt to conform to law; put printed notices in each guest room directing the way to fire escapes; put chemical fire extinguishers in halls; keep individual textile towels in toilet room at all hours of the day; use sheets ninety inches long on beds.

ST. GEORGE HOTEL.—At once have an iron fire escape erected to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room.

South Lyon.

HOTEL LYON.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room.

Stanton.

HOTEL MONTCALM.—Within thirty days provide stairs to outside platform for use in case of fire, also repair and put same in good condition; post notices in halls and rooms giving directions to fire escapes.

Stanwood.

HOTEL STANWOOD.—At once comply with Act No. 188 of the Public Acts of 1913.

Sturgis.

BALKEN HOTEL.—At once put notices in sleeping rooms directing way to fire escapes and arrange fire escapes to conform to law; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; disinfect outside toilet often.

HOTEL ELLIOTT.—At once erect and arrange fire escapes to conform to law; put printed notices in rooms directing way to fire escapes.

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HOTEL RITZER.—At once erect an iron fire escape on hotel; put printed notices in rooms and halls calling attention to fire escape; put chemical fire extinguishers in halls; furnish individual textile towels in toilet and wash rooms.

Spring Lake.

CENTRAL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms calling attention and directing the use of ropes; put chemical fire extinguishers in halls on second floor; put individual textile towels in wash room; use sheets ninety inches long on beds; keep outside toilets disinfected and sanitary.

Suttons Bay.

PARK HOTEL.—Within sixty days erect a hand railing on stairway leading from the second to the third story; equip building with a fire escape according to the plans and specifications left September 9th, 1913.

Tecumseh.

HOTEL BARRETT.—At once make the fire escapes to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

Three Rivers.

AMERICAN HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913.

THREE RIVERS HOUSE.—At once comply with Act No. 188 of the Public Acts of 1913; within thirty days equip south end wing of hotel with a standard fire escape, as provided in Act No. 188.

Traverse City.

PARK PLACE HOTEL.—Repair low water alarm and keep same in good working order.

Trufant.

TRUFANT HOUSE.—Within sixty days comply with Act No. 188 of the Public Acts of 1913.

Tustin.

HOTEL DE NOYER.—Comply with Act No. 188 of the Public Acts of 1913.

THE NEW COMPTON.—At once comply with sections three, four, five and six of Act No. 188 of the Public Acts of 1913.

TUSTIN HOUSE.—At once provide at least one chemical fire extinguisher for every twenty-five hundred square feet or less of floor area; provide sheets ninety inches in length on all beds; place toilets in a sanitary condition; post notices in halls calling attention to fire extinguishers.

Union City.

RIVERSIDE HOTEL.—At once change the toilet to a sanitary flush toilet or put the present closet in sanitary condition and keep it so; put ropes in rooms for fire escapes; provide notices in sleeping rooms directing the use of ropes; use sheets ninety inches long on beds; furnish individual textile towels in wash and toilet rooms; put chemical fire extinguishers in halls.

UNION HOTEL.—At once put ropes in sleeping rooms on second floor, also put printed notices in rooms directing the use of ropes; use individual textile towels in toilet room.

Vanderbilt.

CAMPBELL HOUSE.—At once provide ropes in all sleeping rooms in compliance with section 4 of Act No. 188 of the Public Acts of 1913; provide individual textile towels in all bedrooms and wash rooms; provide printed notices in all bedrooms directing the use of ropes in case of fire.

Vassar.

COLUMBIA HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms calling attention to ropes; put chemical fire extinguishers in halls on second floor.

COMMERCIAL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in each room calling attention to fire escapes; use sheets ninety inches long on beds; provide individual textile towels in wash room; keep the outside toilet clean and disinfected so as to be in sanitary condition.

HOTEL JEWELL.—At once erect an iron fire escape on outside of building, also put notices in halls and sleeping rooms calling attention to fire escape; use sheets ninety inches long on beds; provide individual textile towels in toilet and keep toilet clean and in sanitary condition.

RIVERSIDE HOTEL.—At once put ropes in sleeping rooms for fire escapes; put

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notices in rooms calling attention to ropes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; furnish individual textile towels for wash room.

Wakefield.

HOTEL WAKEFIELD.—Within sixty days provide fire escape according to specifications; provide individual towels in wash room, also chemical fire extinguisher for every 2,500 feet of floor surface; provide printed notices calling attention to fire escape.

Watervliet.

HOTEL BURKE.—At once put ropes in sleeping rooms for fire escapes and put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; use sheets ninety inches long on beds; have toilets cleaned and thoroughly disinfected and keep them in sanitary condition.

HOTEL RIVERVIEW.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in each hall and guest rooms directing the way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds.

Wayne.

COMMERCIAL HOTEL.—At once put ropes in rooms for fire escapes; put printed notices in rooms directing the use of ropes; use sheets ninety inches long on beds; furnish individual textile towels in wash room.

WAYNE HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms calling attention to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in wash room; clean and disinfect toilets often.

West Branch.

HANSEN HOUSE.—Within sixty days install a fire escape on the east side of your building, the same to be constructed according to state specifications.

White Cloud.

CENTRAL HOTEL.—Within fifteen days arrange so as to comply with the fifty-four hour law.

NEW ATLANTIC HOTEL & LUNCH ROOM.—Within fifteen days arrange so as to comply with the fifty-four hour law.

White Pigeon.

KINGSBURY HOTEL.—At once erect an iron fire escape on west end of hotel to conform to law; put printed notices in halls and guest rooms directing the way to fire escapes; put chemical fire extinguishers in halls; use sheets ninety inches long on beds; provide individual textile towels in toilet room at all hours of the day.

Yale.

CRYSLER HOUSE.—At once put ropes in sleeping rooms for fire escapes to conform to law; put printed notices in rooms directing the use of ropes; put chemical fire extinguishers in halls on second floor; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

HARRINGTON HOTEL.—At once erect an iron fire escape on outside of building to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in halls; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

PAISLEY HOTEL.—At once erect an iron fire escape on outside of hotel to conform to law; put printed notices in halls and sleeping rooms directing the way to fire escapes; put chemical fire extinguishers in each hall; provide individual textile towels in toilet rooms; use sheets ninety inches long on beds.

Ypsilanti.

HAWKINS HOUSE.—Within ninety days equip hotel in front and rear with fire escapes, same to have four foot balconies and protected well, otherwise to be according to specifications; equip halls with night lights and exit signs.

OCCIDENTAL HOTEL.—At once put ropes in sleeping rooms for fire escapes; put printed notices in rooms calling attention to ropes and directing their use; put chemical extinguishers in halls; use sheets ninety inches long on beds.

HAWKINS HOTEL.—At once have iron fire escapes erected at west end of front hall and north end of west hall to conform to law; put printed notices in halls and sleeping rooms directing way to fire escapes; put chemical fire extinguishers in halls; furnish individual textile towels in toilet room.

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PRISON AND REFORMATORY STATISTICS.

Complying with a request of the Commissioner of Labor, the wardens and superintendents of the several prisons and reformatories in the state have made reports of the institutions under their charge.

These reports show the number of salaried officials of each institution and their salaries, the number of inmates, the increase and decrease, the number working on contract labor, with the rate paid by each contractor, the number employed on state account work, the value of that product and its nature, together with the cost of feeding and clothing the inmates. From these reports something of an idea may be obtained of the cost of maintaining these institutions.

MICHIGAN STATE PRISON—JACKSON.

PRISON OFFICIALS AND SALARIES.

Warden, Nathan F. Simpson	1	Annual salary		$3,000 00
Deputy warden	1	" "		1,600 00
Warden's secretary	1	" "		1,400 00
Prison clerk	1	" "		1,400 00
Assistant clerks	3	" "		1,350 00
		" "		1,200 00
		" "		1,000 00
Chaplains	2	" "		1,500 00
		" "		400 00
Prison physician	1	" "		1,200 00
Engineer	1	" "		2,000 00
Assistant engineers	4	" "		1,200 00
		" "		800 00
		" "		800 00
		" "		800 00
Bookkeeper	1	" "		1,200 00
Stenographer	1	" "		800 00
Special officers	2	" "		1,400 00
		" "		1,200 00
Superintendent of schools	1	" "		1,200 00
Steward	1	" "		1,500 00
Storekeeper	1	" "		900 00
Hallmasters	2	" "		1,000 00
		" "		900 00
Night captains	1	" "		1,000 00
Keepers	17	" "	(13 at)	900 00
		" "	(4 at)	1,000 00
Guards	11	" "	(3 at)	700 00
		" "	(8 at)	800 00
Wall guards	11	" "	(1 at)	800 00
		" "	(10 at)	700 00
Matrons	1	" "		480 00
Superintendent of clothing department	1	" "		900 00
Superintendent of farm	1	" "		1,800 00
Overseers	4	" "	(each)	600 00
Superintendent of brick plant	1	" "		1,200 00
Superintendent of canning plant	1	" "		1,200 00
Superintendent of granite works	1	" "		1,500 00
Telephone operator	1	" "		520 00
Assistant superintendent of mails	1	" "		800 00
Organist	1	" "		260 00
Total number officials	76	Aggregate annual salaries		$73,210 00

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INMATES.

Number of inmates, December 15, 1913	762
Increase of inmates during the year	55
Increase of inmates since December 15, 1908	75

STATE ACCOUNT WORK.

There are 817 inmates employed on state account work in the making of twine, brooms, granite products, brick and tile and canned goods. The cost of the material used was $367,545.31 and the aggregate output for the year ending December 15, 1913 was $570,-455.18.

EMPLOYED AT PRISON WORK.

Number in chair shop	318
Number in steward's department	38
Number in canning department	8
Number in clothing and laundry department	29
Number in engineer's department	45
Number on farm, garden, lawns and barn	74
Number in house and hall master's department	36
Number in brick plant	81
Number in store room	6
Number in yard assignments	36
Number in book bindery	2
Number in hospital	9
Number employed at miscellaneous work	3
Number in twine plant	82
Number in wood shop	20
Number in broom shop	3
Number in granite shop	27
Whole number employed about prison work	817

PRISON FARM.

There are 754 acres in the prison farm besides this we rent 383 acres. The farms are operated strictly by prison labor and most of the products raised are either consumed by the prison or by the canning factory. The principal products sold, are vegetables, fruits, beef, hides, pelts, pork, mutton and poultry. Aggregate value of all products sold from farm during the year was $37,452.60. Other things being equal everything possible of Michigan productions are purchased.

REMARKS.

In the distribution of inmate labor, only eight appear as working in the canning factory. This was the minimum number, the maximum number in the rush of the canning season would be fifty, other industries reduced proportionally to make up this number.

NATHAN F. SIMPSON,
Warden.

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MICHIGAN REFORMATORY—IONIA.

PRISON OFFICIALS AND SALARIES.

Warden, Otis Fuller	1	Annual salary		$2,000 00
Deputy warden	1	" "		1,500 00
Chief clerk	1	" "		1,200 00
Assistant clerk	1	" "		1,000 00
Chaplain	1	" "		1,200 00
Prison physician	1	" "		1,200 00
Engineers	2	" "		1,400 00
		" "		1,000 00
Superintendent of schools	1	" "		900 00
Steward	1	" "		900 00
Hall master	1	" "		900 00
Night captain	1	" "		900 00
Keepers	15	" "	(each)	900 00
Guards	8	" "	(each)	800 00
Matron	1	" "		480 00
Superintendent of clothing department	1	" "		900 00
Superintendent of farm	1	" "		1,200 00
Superintendent of mails	1	" "		900 00
Gatekeepers	3	" "	(each)	900 00
Total number officials	42	Aggregate annual salaries		$38,380 00

INMATES.

Whole number inmates, December 15, 1913	570
Decrease of inmates during the year	45
Decrease of inmates since December 15, 1908	8

EMPLOYED ON CONTRACT.

Number of contractors of prison labor	1
Number of inmates contracted	379
Average rate paid per day for each	$0 50
Average number of hours convicts work per day	9

EMPLOYED ABOUT PRISON.

Number in steward's department	23
Number in clothing department	18
Number in engineer's department	24
Number in farm department	48
Number in carpenter's department	23
Number in house department	5
Number at miscellaneous work	8
Number in hall master's department	28
Number sick and in hospital	7
Whole number employed about prison and sick in hospital	184

PRISON FARM.

Number of acres in prison farm	572
Is farm operated strictly by prison labor	Yes
Are products of farm and garden mostly consumed in prison	Yes
Give list of products sold	Vegetables, hogs.
Aggregate value of all products of farm sold during year	$2,579 15
What per cent of supplies purchased is of Michigan production	70%
What is the average daily cost of maintaining convicts, gross cost	$0.578
net cost	$0.35

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NOTE.—Maintenance as given above includes all expenses except for the purchase of land and the erection of new buildings to replace those lost by fire. On account of the fire the prison earnings were about $15,000 below normal and expenses about $20,000 above normal. The net daily cost of maintenance given above will be reduced nearly one half when inventory credit is received for increased valuation of new improvements. The gross daily per capita cost of food, clothing, heat, light and power was about 25 cents.

OTIS FULLER,
Warden.

STATE HOUSE OF CORRECTION AND BRANCH PRISON — MARQUETTE.

OFFICIALS AND SALARIES.

Warden, James Russell	1	Annual salary		$2,500 00
Deputy warden	1	" "		1,800 00
Stenographer	1	" "		600 00
Prison clerk	1	" "		1,500 00
Chaplain	1	" "		400 00
Priest	1	" "		400 00
Prison physician	1	" "		750 00
Engineer	1	" "		1,500 00
Assistant engineer	1	" "		900 00
Superintendent of schools	1	" "		1,100 00
Steward	1	" "		1,200 00
Hall master	1	" "		1,100 00
Keepers	6	" "	(each)	900 00
Guards	11	" "	(each)	800 00
Matron	1	" "		480 00
Superintendent of farm	1	" "		900 00
Total number officials	31	Aggregate annual salaries		$29,330 00

INMATES.

Whole number inmates, December 15, 1913	323
Increase of inmates during the year	33
Increase of inmates since December 15, 1908	2

EMPLOYED ON CONTRACT.

Number of contractors of prison labor	1
Number of inmates contracted	105
Average rate paid per day for each	$0 55
Average number of hours convicts work per day	9

STATE ACCOUNT WORK.

Number of inmates employed	136
Kind of goods handled	Overalls
Aggregate value of goods manufactured (May 1, to December 31)	$154,019 45

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EMPLOYED ABOUT PRISON.

Number in steward's department	13
Number in clothing department	9
Number in engineer's department	12
Number in farm department	22
Number in house department	4
Number at miscellaneous work	6
Number sick and in hospital	4
Number aged and infirm	3
Number in hall master's department	7
Number in deputy warden's department	1
Number in library department	1
Whole number employed and sick or infirm	82

PRISON FARM.

The prison farm is operated strictly by prison labor, most of the products of the farm are consumed by the prison, however, some pigs and potatoes were sold aggregating $322.60. 75 per cent of all supplies purchased are of Michigan production.

Average daily cost for maintaining convicts is for food $0.175 and for clothing $0.072.

JAMES RUSSELL,
Warden.

DETROIT HOUSE OF CORRECTION—DETROIT.

PRISON OFFICIALS AND SALARIES.

Superintendent, Bernhardt Jacob	1	Annual salary		$4,000 00
Deputy superintendent	1	" "		1,600 00
Prison physician	1	" "		900 00
Hall master	1	" "		1,080 00
Clerks	3	" "	(each)	1,210 00
Bookkeeper	1	" "		1,600 00
Stenographer	1	" "		1,200 00
Engineers and machinists	2	" "		1,350 00
Overseers	12	" "	(each)	695 00
Guards	7	" "	(each)	710 00
Matrons	6	" "	(each)	450 00
Foremen	10	" "	(each)	1,150 00
Teamsters	2	" "	(each)	690 00
Carpenter	1	" "		900 00
Cooks	2	" "	(each)	690 00
Gardener	1	" "		780 00
Teacher	1	Average salary per diem		2 00
Total number officials	53	Aggregate salaries paid		$48,900 00

INMATES.

Number of male inmates, December 15, 1913	544
Number of female inmates, December 15, 1913	52
Whole number of inmates, December 15, 1913	596
Increase of inmates during the past year	206
Increase of inmates since December 15, 1908	159
Number of females sentenced from state courts of record	33
Number of inmates received from counties other than Wayne under contract with the institution	529
Number of inmates received from Wayne County outside Detroit in the past twelve months	444

Counties having contract with the institution pay 25 cents per capita for the maintenance of their prisoners. The prison is more than self-sustaining and consequently the state is not required to contribute to the support of male prisoners but does pay $0.14 per day for keeping female prisoners.

Cost per day for feeding and clothing prisoners	$0.173

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EMPLOYMENT.

A large percentage of the inmates are engaged in the work of the institution which embraces the manufacture of chairs, brushes, buttons and general prison duties.

Number employed making chairs	262
Number employed making brushes	50
Number employed making buttons	64
Number employed at prison duties	106
Whole number of prisoners employed	582

The value of goods manufactured in the institution during the year was approximately $195,000.00. A large percentage of the supplies are of Michigan production and so far as practicable purchases are made from producers and merchants within the state.

BERNHARDT JACOB,
Superintendent.

INDUSTRIAL SCHOOL FOR BOYS—LANSING.

SCHOOL OFFICIALS AND SALARIES.

Superintendent, E. M. Lawson	1	Annual salary		$2,000 00
Assistant superintendent	1	" "		1,200 00
Matron	1	" "		720 00
Physician	1	" "		500 00
Dentist	1	" "		360 00
Engineer	1	" "		1,080 00
Clerks and stenographers	2	" "		1,100 00
		" "		600 00
Teachers (males)	12	" "	(each)	600 00
Teachers (females)	14	" "	(each)	300 00
Teacher of music	1	" "		480 00
Nurse	1	" "		600 00
Others having charge of inmates	10	" "	(each)	600 00
Number other employes	16	" "	(each)	250 00
Total number officials	62	*Aggregate salaries paid		$30,298 00

INMATES.

Number of inmates, December 15, 1913	804
Increase of inmates during the year	24
Increase of inmates since December 15, 1908	8
Total number of inmates since school was established (1856)	12,090

FARM.

Number of acres in school farm	295
Estimated value of all products of farm (year ending June 30)	$10,439 74

The farm is operated by the inmates under the supervision of a farmer. All the products of the farm are consumed by the school. About 95 per cent of the supplies purchased are of Michigan production.

OTHER EMPLOYMENT.

Tailoring	85
Printing	40
Shoemaking	44
Carpenter shop	6
Engineering	12
Painting	10
Bakery	18
Laundry	20

*Salaries include $4.00 per Sunday for the services of local ministers.

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Kitchen (officers)	12
Kitchen (boys)	40
Dining room (officers)	6
Dining room (boys)	44
Mending	48
Dormitory and cleaning	90
Dairy barn	25
Farm, garden and grounds	140
Sloyd work	126
Stenography and typewriting	30
Office boys	4
Hospital boys	4
Average daily cost for maintaining inmates is	$0.36

Working hours of inmates four hours, attend school four hours. The balance of the time is devoted to meals and recreation. 80 per cent of the boys make law abiding citizens. 75 per cent are paroled before their time expires. The average length of time is about 22 months.

E. M. LAWSON,
Superintendent.

INDUSTRIAL HOME FOR GIRLS—ADRIAN.

HOME OFFICIALS AND SALARIES.

Superintendent, Mrs. M. C. Johnson	1	Annual salary		$1,500 00
Assistant superintendent	1	" "		900 00
Engineer	1	" "		1,080 00
Clerks and stenographers	3	" "	(1 at)	500 00
		" "	(2 at)	600 00
Teacher (male)	1	" "		685 00
Teachers (female)	8	" "		360 00
Housekeepers	9	" "	(each)	360 00
Laundry teacher	1	" "		425 00
Domestic science teacher	1	" "		480 00
Art needle work teacher	1	" "		450 00
Managers	8	" "	(each)	450 00
Others having charge of inmates	3	" "	(average)	350 00
Nurse	1	" "		600 00
Dressmaking teacher	1	" "		450 00
Sewing teachers	3	" "	(each)	425 00
Other employes under salary	9	" "	(each)	600 00
Total number employed	52	Aggregate salaries paid		$26,650 00

NOTE.—Local clergymen hold services, being paid $2.50 per service. Physician is paid per each visit.

INMATES.

Whole number inmates, December 15, 1913	409
Increase of inmates in past year	43
Increase of inmates since December 15, 1908	17
Total number of inmates since Home was instituted (1879)	3,171

HOME FARM.

There are 113 acres in the Home farm and the aggregate value of its products in 1912 was $3,457.20. Such work in connection with its operation as the care of plants, gathering vegetables and various other details that girls are competent to perform, is assigned to the inmates. All the products are consumed in the school.

It is estimated that 95 per cent of the supplies for the institution is of Michigan production.

An attendance of three and one-half hours a day is required in the school, and two and one-half hours are devoted daily to play, this time being increased on holidays, etc.

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The inmates are instructed and required to take part in domestic work of every kind, including domestic science, art needle work, dressmaking, plain sewing, crochet and fancy work, knitting, quilting, cooking, housework, laundry work, work on lawns and in gardens, planting, berry-picking, etc. Besides being so employed the girls do the work in the various cottages, the numbers so engaged varying from time to time according to existing circumstances.

Average daily cost for maintaining inmates is $0.40.

REMARKS.

Delinquent girls between ages of ten and seventeen years are committed, through the probate courts, until twenty-one years of age, unless sooner discharged by the Board of Guardians. An average girl completes the domestic science training in from two to three years when she can be placed in some good farm home on contract for wages.

MRS. MARY C. JOHNSON,
Superintendent.

SUMMARY OF PRISON AND REFORMATORY STATISTICS.

Whole number of officials and employes, Michigan State Prison....	76
Aggregate annual salaries paid officials and employes.....	$73,210.00
Whole number of officials and employes, Reformatory, Ionia.....	42
Aggregate annual salaries paid officials and employes.....	$38,380.00
Whole number of officials and employes, Branch Prison, Marquette..	31
Aggregate annual salaries paid officials and employes.....	$29,330.00
Whole number of officials and employes, Detroit House of correction..	53
Aggregate anuual salaries paid officials and employes.....	$48,900.00
Whole number of officials and employes, Industrial School for Boys, Lansing	62
Aggregate annual salaries paid officials and employes.....	$30,298.00
Whole number of officials and employes, Industrial Home for Girls, Adrian	52
Aggregate annual salaries paid officials and employes.....	$26,650.00
Total number of officials and employes.....	316
Aggregate annual salaries paid officials and employes.....	$246,759.00

SUMMARY OF INMATES, DECEMBER 15, 1913.

Whole number of inmates State Prison at Jackson.....	762
Increase of inmates during the year.....	55
Increase of inmates during five years.....	75
Whole number of inmates Reformatory at Ionia.....	570
Increase of inmates during the year.....	45
Increase of inmates during five years.....	8
Cost per day for clothing and feeding inmates.....	$0.35
Whole number of inmates Branch Prison, Marquette.....	323
Increase of inmates during the year.....	33
Increase of inmates during five years.....	2
Cost per day for clothing and feeding inmates.....	$0.175
Whole number of inmates Detroit House of Correction.....	596
Increase of inmates during the year.....	206
Increase of inmates during five years.....	159
Cost per day for clothing and feeding inmates.....	$0.173

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Whole number of inmates Industrial School for Boys, Lansing	804
Increase of inmates during the year	24
Increase of inmates during five years	8
Average cost per day for clothing and feeding inmates	$0.36
Whole number of inmates Industrial Home for Girls, Adrian	409
Increase of inmates during the year	43
Increase of inmates during five years	17
Cost per day for clothing and feeding inmates	$0.40

SUMMARY-COMBINED INSTITUTIONS.

Total number of inmates in all prisons and reformatories	2,251
Total increase in one year	339
Increase in two Industrial Schools for year	67
Increase in two Industrial Schools for five years	25
Number of inmates in three prisons working on contract	484
Number of inmates in hospital, sick and infirm	20
Average monthly cost each for feeding and clothing convicts in three prisons	$7.70
Average monthly cost each for feeding and clothing inmates in two schools	$11.40

SUMMARY OF STATISTICS RELATING TO RESTAURANTS.

Whole number of restaurants inspected	381
Number male managers employed	323
Maximum wage paid per day	$3.33
Minimum wage paid per day	1.17
Average wage paid per day	2.43
Maximum number of hours worked per day	12
Minimum number of hours worked per day	8
Average number of hours worked per day	10
Number female managers employed	75
Maximum wage paid per day	$4.17
Minimum wage paid per day	1.25
Average wage paid per day	1.99
Maximum number of hours worked per day	9
Minimum number of hours worked per day	8
Average number of hours worked per day	8
Number clerks employed	63
Maximum wage paid per day	$2.15
Minimum wage paid per day	0.71
Average wage paid per day	1.46
Maximum number of hours worked per day	12
Minimum number of hours worked per day	8
Average number of hours worked per day	9.4
Number male cashiers employed	21
Maximum wage paid per day	$2.00
Minimum wage paid per day	1.00
Average wage paid per day	1.24
Maximum number of hours worked per day	12
Minimum number of hours worked per day	6
Average number of hours worked per day	10.8

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Number female cashiers employed	73
Maximum wage paid per day	$2.00
Minimum wage paid per day	0.58
Average wage paid per day	1.00
Maximum number of hours worked per day	12
Minimum number of hours worked per day	4
Average number of hours worked per day	10
Number waiters employed	445
Maximum wage paid per day	$2.80
Minimum wage paid per day	0.50
Average wage paid per day	1.32
Maximum number of hours worked per day	13
Minimum number of hours worked per day	3
Average number of hours worked per day	10.9
Number waitresses employed	732
Maximum wage paid per day	$2.60
Minimum wage paid per day	0.43
Average wage paid per day	0.95
Maximum number of hours worked per day	13
Minimum number of hours worked per day	5
Average number of hours worked per day	8.4
Number porters employed	119
Maximum wage paid per day	$2.00
Minimum wage paid per day	0.32
Average wage paid per day	1.03
Maximum number of hours worked per day	12
Minimum number of hours worked per day	3
Average number of hours worked per day	9.7
Number elevator conductors	2
Maximum daily wage paid	$2.00
Minimum daily wage paid	2.00
Average daily wage paid	2.00
Maximum number of hours worked per day	10
Minimum number of hours worked per day	10
Average number of hours worked per day	10
Number male dishwashers employed	187
Maximum daily wage paid	$2.00
Minimum daily wage paid	0.60
Average daily wage paid	1.15
Maximum number of hours worked per day	12
Minimum number of hours worked per day	4
Average number of hours worked per day	9.9
Number female dishwashers employed	402
Maximum daily wage paid	$1.50
Minimum daily wage paid	0.20
Average wage paid per day	0.90
Maximum number of hours worked per day	12
Minimum number of hours worked per day	3
Average number of hours worked per day	7.4
Number male cooks employed	418
Maximum daily wage paid	$4.00
Minimum daily wage paid	0.71
Average daily wage paid	2.08
Maximum number of hours worked per day	13
Minimum number of hours worked per day	7
Average number of hours worked per day	8.3

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Number female cooks employed	208
Maximum wage paid per day	$3.30
Minimum wage paid per day	0.60
Average daily wage paid	1.34
Maximum number of hours worked per day	13
Minimum number of hours worked per day	4
Average number of hours worked per day	9.1
Number kitchen assistants employed	93
Maximum daily wage paid	$2.00
Minimum daily wage paid	0.70
Average daily wage paid	1.35
Maximum number of hours worked per day	12
Minimum number of hours worked per day	8
Average number of hours worked per day	10.9
Number female kitchen assistants employed	85
Maximum daily wage paid	$2.00
Minimum daily wage paid	0.42
Average daily wage paid	1.05
Maximum number of hours worked per day	13
Minimum number of hours worked per day	6
Average number of hours worked per day	10.1
Number other male employes	57
Maximum daily wage paid per day	$3.00
Minimum daily wage paid per day	1.00
Average daily wage paid	1.73
Maximum number of hours worked per day	12
Minimum number of hours worked per day	3
Average number of hours worked per day	9.7
Number other females employes	69
Maximum daily wage paid per day	$2.00
Minimum daily wage paid per day	0.67
Average daily wage paid per day	1.05
Maximum number of hours worked per day	10
Minimum number of hours worked per day	3
Average number of hours worked per day	8.9
Whole number males employed	1,728
Whole number females employed	1,659
Total number employed	3,387
Maximum number of hours males work per week	98
Minimum number of hours males work per week	14
Average number of hours males work per week	67
Maximum number of hours females work per week	94
Minimum number of hours females work per week	42
Average number of hours females work per week	66

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NUMBER AND CHARACTER OF LEGAL ACTIONS FOR THE YEAR 1913.

Name of city.	Number of cases.	Without permits.	54-hour law.	Minor selling liquor.	Private employment agencies.	Section 25.	Non-compliance with order.	Jury disagreed.	Bound over.	Acquitted.	Dismissed.	Guilty.	Convicted.	Fined.	Sentence suspended.	Sentence pending.	Sentence deferred.
Albion	1	1	....	....	....	....	....	....	....	....	....	1	....	$10 00	....	....	....
Battle Creek	2	....	2	....	....	....	....	....	....	....	....	....	2	33 70	....	....	....
Bay City	6	2	4	....	....	....	....	....	....	1	1	2	2	35 00	1	....	....
Detroit	36	13	14	1	8	....	....	....	1	....	3	28	....	175 00	16	4	2
Fremont	2	....	2	....	....	....	....	....	....	....	....	2	....	20 00	....	....	....
Grand Rapids	4	....	4	....	....	....	....	....	....	....	....	....	4	53 40	....	....	....
Hastings	1	1	....	....	....	....	....	....	....	....	....	1	....	10 00	....	....	....
Ionia	1	1	....	....	....	....	....	....	....	....	....	....	1	15 00	....	....	....
Kalamazoo	4	....	4	....	....	....	....	....	....	....	....	....	4	93 25	....	....	....
Lansing	3	....	1	....	....	1	1	....	....	1	....	1	....	28 00	....	1	....
Lowell	1	....	1	....	....	....	....	....	....	....	....	....	1	50 00	....	....	....
Mackinac Island	1	....	1	....	....	....	....	....	....	....	....	1	....	15 00	....	....	....
Manistee	1	....	1	....	....	....	....	....	....	....	....	1	....	10 05	....	....	....
Muskegon	3	3	....	....	....	....	....	....	....	....	....	3	....	45 00	....	....	....
Saginaw	4	2	2	....	....	....	....	1	....	....	....	....	3	52 20	....	....	....
Totals	70	23	36	1	8	1	1	1	1	2	4	40	17	$645 60	17	5	2

SUMMARY AS TO NUMBER AND CHARACTER OF LEGAL ACTIONS.

Total number of legal actions	70
Number employing children without permits	23
Number violating the 54 hour law	36
Number having minors selling liquor	1
Number violating the act regulating private employment agencies	8
Number violating section 25	1
Number not complying with orders	1
Number where jury disagreed	1
Number cases bound over	1
Number cases where the party was acquitted	2
Number cases dismissed	4
Number cases where the party plead guilty	40
Number cases where the party was convicted	17
Number cases where the result of prosecution was not reported	5
Amount of fines paid	$645.60
Number of cases where sentence was suspended	17
Number of cases where sentence is pending	5
Number of cases where sentence is deferred	2
Number cases where fine was paid	38
Number cases dismissed	4
Number cases where disposition was not reported	4

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Licenses issued for Private Employment Agencies, 1913-1914.

Date license was issued.	Name of agency.	Town where located.	Amount of fee.
1913.			
Aug. 28	A. F. Kopacz	Detroit	$100 00
Aug. 28	Roda E. Buell—Mutual Business Exchange	Detroit	100 00
Aug. 28	Virginia Cornfoot—Wolverine Employment Agency	Detroit	100 00
Aug. 28	W. A. King & Irwin P. F. Audrich—Square Deal Employment Agency	Detroit	100 00
Aug. 28	E. K. Corle—Kincaid Employment Agency	Detroit	100 00
Aug. 28	E. K. Corle—Kincaid Employment Agency	Detroit	100 00
Aug. 28	E. K. Corle—Kincaid Employment Agency	Detroit	100 00
Aug. 28	E. K. Corle—Kincaid Employment Agency	Detroit	100 00
Aug. 28	Ruth E. Sefton—Sefton Vaudeville Exchange	Detroit	100 00
Aug. 28	Daisy B. Miller	Detroit	100 00
Aug. 28	W. F. Ritchie—The Fidelity Labor & Service Bureau	Detroit	100 00
Aug. 28	LeRoy Brasee—Central Employment Agency	Detroit	100 00
Aug. 28	Joseph A. Cahn—Cahn Employment Agency	Detroit	100 00
Aug. 28	Hattie Levy—University Employment Agency	Detroit	100 00
Aug. 28	Charles Wassung & Dudley Adle	Detroit	100 00
Aug. 28	Charles A. Paye—The Michigan Theatrical Exchange	Detroit	100 00
Aug. 30	Max H. Harris & Herman Warren—Michigan Vaudeville Exchange	Detroit	100 00
Nov. 18	John B. Gonyou & A. E. Haslett—Detroit Employment Agency	Detroit	100 00
Sept. 13	Wm. DeBoer & Theo. VanderVeen—DeBoer Employment Agency	Grand Rapids	25 00
Sept. 18	Theodore A. King	Sault Ste. Marie	25 00
Sept. 26	Wm. L. Dickinson	Grand Rapids	25 00
Sept. 29	Toser & O'Donnell	Sault Ste. Marie	25 00
Nov. 22	Dennis Hogan	Marquette	25 00
	Total amount of fees paid for 1913		$1,850 00
1914.			
Jan. 14	A. E. Haslett & John B. Gonyou—Detroit Employment Agency	Detroit	$100 00
Jan. 14	Virginia Cornfoot—Wolverine Employment Agency	Detroit	100 00
Jan. 14	Rhoda E. Buell—Mutual Business Exchange	Detroit	100 00
Jan. 14	E. K. Corle—Kincaid Employment Agency	Detroit	100 00
Jan. 14	Jos. A. Cahn—Cahn Employment Agency	Detroit	100 00
Jan. 14	Hattie Levy—University Employment Agency	Detroit	100 00
Jan. 17	Dennis Hogan	Marquette	25 00
Jan. 17	Chas. P. Rieder—Saginaw Employment Agency	Saginaw	25 00
Jan. 17	Owen Gallagher—Gallagher Employment Agency	Escanaba	25 00
Jan. 17	Wm. DeBoer & Thos. VanderVeen—DeBoer Employment Agency	Grand Rapids	25 00
Jan. 19	Theodore A. King	Sault Ste. Marie	25 00
Jan. 19	John Halran—Escanaba Employment Office	Escanaba	25 00
Jan. 19	Byron D. Winegar—B. D. Winegar Employment Bureau	Escanaba	25 00
Jan. 19	Mary J. Sullivan	Detroit	100 00
Jan. 19	Martha E. Watt	Detroit	100 00
Jan. 21	John E. Cragin—The Elwood Employment Agency	Detroit	100 00
Jan. 24	James S. Toser & Edward O'Donnell—Toser and O'Donnell	Sault Ste. Marie	25 00
Jan. 24	Tillie Minip—Polish Employment Office	Detroit	100 00
Jan. 28	Carl P Gundersen—Gundersen's Labor Agency	Escanaba	25 00
Jan. 28	John B. Gonyou & A. E. Haslett—Detroit Employment Agency	Jackson	25 00
Feb. 20	Daisy B. Miller—The Daisy B. Miller Agency	Detroit	100 00
Feb. 17	Donald McFarlane—McFarlane's Labor Office	Sault Ste. Marie	25 00
Feb. 17	William L. Dickenson—Grand Rapids Employment Bureau	Grand Rapids	25 00
Feb. 20	Young Women's Christian Association	Detroit	100 00
Feb. 24	Teresa Taylor	Detroit	100 00
Mar. 12	Nellie L. Wren	Detroit	100 00
Mar. 18	Rudolph Mack & Chas. Hoey—The National Booking Office	Detroit	100 00
Mar. 24	Anthony Kopacz	Detroit	100 00
	Total amount of fees paid up to April 1, 1914		$1,900 00
	Total amount of fees for 1913		1,850 00
	Total		$3,750 00

Note.—All license fees turned over to the State Treasurer.

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OFFICE OF STATE BOAT INSPECTOR,

DETROIT, MICHIGAN.

January 2, 1914.

Hon. James V. Cunningham,
Commissioner of Labor,
Lansing, Michigan.

Dear Sir:—I beg to tender my report as State Boat Inspector, for the year 1913.

I am pleased to state that I have to report no loss of life or accident of any kind, during the past year. The opening of the season of 1914 will find at least 90% of the engines on gasoline boats enclosed, which will greatly lessen the danger of accidents by fire; the new rules which have been issued regulating lights to be carried will cover all classes of boats operating on the inland waters of the State and does away with the complications which have been the cause of minor accidents in the past.

Very respectfully,
JAMES McLARTY,
State Boat Inspector.

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STEAMBOAT INSPECTION.

Licenses issued during the year 1913.

Name.	Address.	Occupation.	Name of vessel.	Kind of motive power.	Entitled to license.	Fee.
M. E. Linihan	Kalamazoo	Engineer and Pilot	Alice L.	Gasoline	Yes	$5 00
H. P. Hewitt	Battle Creek	Engineer and Pilot	Sis D.	Gasoline	Yes	5 00
Ernest West	Battle Creek	Engineer	Cupid	Steam	Yes	5 00
E. A. Demton	Battle Creek	Engineer and Pilot	Isabel	Steam	Yes	5 00
Roy J. Austin	Battle Creek	Engineer and Pilot	LaVerdo	Gasoline	Yes	5 00
Monroe K. Sabin	Battle Creek	Engineer and Pilot	Arrow	Gasoline	Yes	5 00
Fred Brainerd	Cadillac	Master and Engineer	Speedwell	Steam	Yes	5 00
Theodore Wagner	Battle Creek	Engineer and Pilot	Detroit	Gasoline	Yes	5 00
Chas. Poisson	Grand Rapids	Master and Engineer	Maj. A. B. Watson	Steam	Yes	5 00
Chas. E. Norton	Yorkville	Master and Engineer	Brownie	Gasoline	Yes	5 00
Oscar Johnson	Grand Rapids	Engineer and Pilot	Ramona	Gasoline	Yes	5 00
John Sayers	Grand Rapids	Engineer	Maj. A. B. Watson	Steam	Yes	5 00
Herman Ten Brock	Grand Rapids	Engineer and Pilot		Gasoline	Yes	5 00
Albert Ten Brock	Grand Rapids	Engineer and Pilot		Gasoline	Yes	5 00
Edward McRobert	Battle Creek	Master	Hazel A.		Yes	5 00
H. P. Denser	Coldwater	Engineer		Gasoline	Yes	5 00
Carl Woodach	Yorkville	Master and Engineer	Mascot	Gasoline	Yes	5 00
Roy Graham	Yorkville	Engineer and Pilot	Juanita	Gasoline	Yes	5 00
M. J. Ferguson	Devils Lake	Engineer and Pilot	Mona	Gasoline	Yes	5 00
John Talmadge	Devils Lake	Engineer and Pilot	Mascot	Gasoline	Yes	5 00
Ray E. Brown	Battle Creek	Engineer and Pilot	Michigan	Steam	Yes	5 00
William Salgiver	Elberta	Engineer and Pilot		Gasoline	Yes	5 00
William Grats	Clark Lake	Engineer and Pilot		Gasoline	Yes	5 00
Fred Sanford	Clark Lake	Engineer and Pilot		Gasoline	Yes	5 00
Adelbert Hoag	Clark Lake	Engineer and Pilot		Gasoline	Yes	5 00
A. D. Collum	Lakeland	Engineer and Pilot	Star Line	Gasoline	Yes	5 00
Clayton Macklem	Jackson	Engineer and Pilot	R. E. Emmons	Gasoline	Yes	5 00
Wilson H. Yockey	Jackson	Engineer and Pilot	R. E. Emmons	Gasoline	Yes	5 00
William R. Shafer	Battle Creek	Engineer and Pilot	Pearl	Steam	Yes	5 00
C. S. Young	Pontiac	Engineer and Pilot	Eleanor	Gasoline	Yes	5 00
Herman LeRoux	Cadillac	Engineer and Pilot	C. W. Randles	Steam	Yes	5 00
C. B. Snow	Cadillac	Master and Engineer	Westover	Steam	Yes	5 00
E. C. Gage	Fremont	Engineer and Pilot	Mac	Gasoline	Yes	5 00
E. A. Coon	Manitou Beach	Engineer and Pilot	Lakeview	Gasoline	Yes	5 00
B. B. Comparet	Devils Lake	Engineer and Pilot	Damon	Gasoline	Yes	5 00
J. D. Garrett	Watervliet	Engineer and Pilot	Danmark	Gasoline	Yes	5 00
F. W. Wright	Grand Rapids	Engineer and Pilot	Winnie W.	Gasoline	Yes	5 00
M. G. Wing	Yorkville	Engineer and Pilot	Battle Creek	Gasoline	Yes	5 00
Leonard Lepper	Yorkville	Engineer and Pilot	Queen City	Gasoline	Yes	5 00
Edward Bender	Flint	Engineer and Pilot	Mego	Gasoline	Yes	5 00
Eugene Arnold	Watervliet	Engineer and Pilot		Gasoline	Yes	5 00
Lester Arnold	Watervliet	Engineer and Pilot	Chicago	Gasoline	Yes	5 00
Rollo Martin	Fremont	Engineer and Pilot	Mattie G.	Gasoline	Yes	5 00
Albert E. Bailey	Jackson	Engineer and Pilot	Oberlachen	Gasoline	Yes	5 00
E. E. Evans	Watervliet	Engineer and Pilot	Evanston	Gasoline	Yes	5 00
W. J. Moore	Fenton	Engineer and Pilot	Blue Bell	Gasoline	Yes	5 00
Ernest Fuller	Fenton	Engineer and Pilot	Redwing	Gasoline	Yes	5 00
Charlie H. Greeg	Battle Creek	Engineer	Michigan	Steam	Yes	5 00
C. H. Brass	Lapeer	Engineer and Pilot	Mildred	Gasoline	Yes	5 00
Geo. A. Gray	Orion	Engineer and Pilot		Gasoline	Yes	5 00
Geo. Northrup	Bath, R. F. D.	Engineer and Pilot	Margaret	Gasoline	Yes	5 00
C. E. Imerson	Manitou Beach	Engineer and Pilot	Nora I.	Gasoline	Yes	5 00
Ollie Imerson	Manitou Beach	Engineer and Pilot	Jessie I.	Gasoline	Yes	5 00
William Massey	Allenville	Engineer and Pilot		Gasoline	Yes	5 00
M. Collins	Grass Lake	Engineer and Pilot	Dorothy	Gasoline	Yes	5 00
Otto Comstock	Watervliet	Engineer and Pilot	Ruth C.	Gasoline	Yes	5 00
Henry W. Estborn	Lake Point	Engineer and Pilot	Phoenix	Gasoline	Yes	5 00
Charles R. Dewitt	Fenton	Engineer and Pilot	Roseland	Gasoline	Yes	5 00
J. H. Ostrander	Houghton Lake	Engineer and Pilot	Leona	Gasoline	Yes	5 00
A. V. Foisy	Orion	Engineer and Pilot		Gasoline	Yes	5 00

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Licenses issued during the year 1913.—Continued.

Name.	Address.	Occupation.	Name of vessel.	Kind of motive power.	Entitled to license.	Fee.
John C. Winter	Orion	Engineer and Pilot		Gasoline	Yes	$5 00
Russel P. Winter	Orion	Engineer and Pilot		Gasoline	Yes	5 00
Peter Milner	Orion	Engineer and Pilot	City Orion	Gasoline	Yes	5 00
Ray E. McGillvary	Watervliet	Engineer and Pilot		Gasoline	Yes	5 00
C. E. Leslie	Watervliet	Engineer and Pilot	Interurban	Gasoline	Yes	5 00
W. B. Cannon	Yorkville	Engineer and Pilot	U. S	Gasoline	Yes	5 00
Geo. B. Zindel	Grand Rapids	Engineer and Pilot	North Lake	Gasoline	Yes	5 00
Gun Nelson	Grand Rapids	Engineer and Pilot		Gasoline	Yes	5 00
Harry W. Yanger	Battle Creek	Engineer and Pilot	Cayuga	Gasoline	Yes	5 00
A. H. Woodward	Coloma	Engineer and Pilot		Gasoline	Yes	5 00
Elmer R. Lagarsee	Battle Creek	Engineer and Pilot		Gasoline	Yes	5 00
Geo. R. Kyle	Battle Creek	Engineer and Pilot		Steam	Yes	5 00
Wm. B. Hoag	Mt. Pleasant	Engineer and Pilot		Gasoline	Yes	5 00
D. H. Matheson	Roscommon	Engineer and Pilot	Matheson	Gasoline	Yes	5 00
B. F. Robbins	Markey	Engineer and Pilot	Ray Robbins	Gasoline	Yes	5 00
J. R. Griffiths	Watervliet	Engineer and Pilot	Honeymoon	Gasoline	Yes	5 00
Frank J. Griffiths	Watervliet	Engineer and Pilot	Kathryn G	Gasoline	Yes	5 00
Lawrence Campbell	Watervliet	Engineer and Pilot	Old Glory	Gasoline	Yes	5 00
C. O. Freer	Cloverdale	Engineer and Pilot	Emma F	Gasoline	Yes	5 00
Theodore Stopel	Haslett	Engineer and Pilot	Dorothy S	Gasoline	Yes	5 00
C. W. Hartt	Pierson	Engineer and Pilot	Norva	Gasoline	Yes	5 00
William Goff	Watervliet	Engineer and Pilot	Riverview	Gasoline	Yes	5 00
E. O. Graff	Lakeland	Engineer and Pilot	Lakeland	Gasoline	Yes	5 00
Fred Orton	Shelbyville	Engineer and Pilot	Lissie O	Gasoline	Yes	5 00
Ralph Dorsey	Petoskey	Engineer	Tourist	Steam	Yes	5 00
Wm. Matteson	Shelbyville	Engineer and Pilot	Deliah M	Gasoline	Yes	5 00
T. B. Glendenning	Flint	Engineer and Pilot	Aberdeen	Gasoline	Yes	5 00
G. Neuhoffer	Haslett	Engineer and Pilot	Laurel	Gasoline	Yes	5 00
B. E. Ellis	Waloon Lake	Engineer and Pilot	Magic	Gasoline	Yes	5 00
Fred J. Lyons	Devils Lake	Engineer and Pilot	Damon	Gasoline	Yes	5 00
A. E. Terpening	Beulah	Engineer and Pilot	Pathfinder	Gasoline	Yes	5 00
Frank Benson	Beulah	Engineer and Pilot		Gasoline	Yes	5 00
Frank Call	Beulah	Engineer and Pilot	Frances	Gasoline	Yes	5 00
Garry Frick	Vicksburg	Engineer and Pilot	Kalamazoo	Gasoline	Yes	5 00
I. O. Harsh	Ludington	Engineer and Pilot	Arcadia	Gasoline	Yes	5 00
Clifford J. Earl	Ludington	Engineer and Pilot	Arcadia	Gasoline	Yes	5 00
Ewington W. Case	Fenton	Engineer and Pilot		Gasoline	Yes	5 00
Charles E. Case	Fenton	Engineer and Pilot		Gasoline	Yes	5 00
Martin Wise	Shelbyville	Engineer and Pilot		Gasoline	Yes	5 00
Ray Blake	Fremont	Engineer and Pilot	M. A. C	Gasoline	Yes	5 00
John O. Dieterle	Whitmore Lake	Engineer and Pilot	Jennie D	Gasoline	Yes	5 00
Thomas A. Clark	Watervliet	Engineer and Pilot		Gasoline	Yes	5 00
Clarence Raymond	Manitou Beach	Engineer and Pilot		Gasoline	Yes	5 00
L. P. Husen	Watervliet	Engineer and Pilot	Luella	Gasoline	Yes	5 00
C. E. Case	Benzonia	Engineer and Pilot		Gasoline	Yes	5 00
Walter Clakins	Waloon Lake	Master and Pilot	Tourist		Yes	5 00
Milton Van Riper	Waloon Lake	Engineer	Tourist	Steam	Yes	5 00
M. P. Edwards	Kalamazoo	Engineer and Pilot		Gasoline	Yes	5 00
Claud Fay	Watervliet	Engineer and Pilot		Gasoline	Yes	5 00
Robert Bowman	Watervliet	Engineer and Pilot		Gasoline	Yes	5 00
C. A. Sumner	Yorkville	Master and Pilot	Kalamazoo	Steam	Yes	5 00
Wallace W. Hutchings	Cassopolis	Engineer and Pilot	Robert H	Gasoline	Yes	5 00
Wm. M. Shrader	Yorkville	Engineer and Pilot		Gasoline	Yes	5 00
W. C. Rose	Jackson	Engineer and Pilot	Pastime	Gasoline	Yes	5 00
A. C. Peterson	Ludington	Engineer and Pilot	Marie	Gasoline	Yes	5 00
C. E. Howell	Frankfort	Engineer and Pilot	Wenonah	Gasoline	Yes	5 00

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Licenses issued during the year 1913.—Concluded.

Name.	Address.	Occupation.	Name of vessel.	Kind of motive power.	Entitled to license.	Fee.
Wallace Tuttle	Dowagiac	Engineer and Pilot	Fenette L.	Steam	Yes	$5 00
Loren C. Bow	Orion	Engineer and Pilot		Gasoline	Yes	5 00
Warren E. Bow	Orion	Engineer and Pilot		Gasoline	Yes	5 00
Leslie Bugg	Ludington	Engineer and Pilot	Lillie C.	Gasoline	Yes	5 00
A. F. Bugg	Ludington	Engineer and Pilot		Gasoline	Yes	5 00
J. W. Jeffers	Fenton	Engineer and Pilot	Gypsy	Gasoline	Yes	5 00
B. L. Rudd	Cassopolis	Engineer and Pilot	Goodrich	Gasoline	Yes	5 00
Albert F. Comstock	Houghton Lake	Engineer and Pilot		Gasoline	Yes	5 00
W. E. Streeter	Middleville	Engineer and Pilot	Marilla	Gasoline	Yes	5 00
Albert Sherwood	Shelbyville	Master and Pilot	Starlight		Yes	5 00
William Sherwood	Shelbyville	Engineer	Starlight	Steam	Yes	5 00
Chas. Ramsauer	White Pigeon	Engineer and Pilot	Elisa Jane	Gasoline	Yes	5 00
Roy J. Winson	Boyne City	Engineer and Pilot	Wenonah	Gasoline	Yes	5 00
Frank R. Lemon	Vicksburg	Engineer and Pilot	Cora L.	Gasoline	Yes	5 00
Charlie A. Lowe	Battle Creek	Engineer and Pilot	Greyhound	Gasoline	Yes	5 00
Earl Morse	Yorkville	Engineer	Kalamazoo	Steam	Yes	5 00
Edwin A. Thompson	Cadillac	Engineer		Steam	Yes	5 00
Graham O. McOmber	Berrien Springs	Engineer and Pilot	Forest Glen	Gasoline	Yes	5 00
Vincent A. Rice	Berrien Springs	Engineer and Pilot		Gasoline	Yes	5 00
Charles Merza	Jackson	Engineer and Pilot		Gasoline	Yes	5 00
A. G. Brown	Brighton	Engineer and Pilot	James H. White	Steam	Yes	5 00
E. J. Parker	Frankfort	Engineer and Pilot	Monomoy	Gasoline	Yes	5 00
Wm. H. Smith	Flint	Engineer and Pilot		Gasoline	Yes	5 00
Louis Smith	Flint	Engineer and Pilot		Gasoline	Yes	5 00
James Green	Flint	Engineer and Pilot		Gasoline	Yes	5 00
D. A. Clark	Flint	Engineer and Pilot		Gasoline	Yes	5 00
Daniel Shepherd	Lake Odessa	Engineer and Pilot		Gasoline	Yes	5 00
R. L. Corey	Battle Creek	Engineer and Pilot	U. S. Mail	Steam	Yes	5 00
L. M. Bartenfelder	Hadley	Engineer and Pilot	Reliance	Gasoline	Yes	5 00

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Certificates issued to the following named vessels.

Name of vessel.	Name of owner.	Address.	Kind of motive power.	Entitled to certificate.	Number passengers.	Fee.
Alice L.	M. E. Linihan	Kalamazoo	Gasoline	Yes	10	.....
Mascot	C. Woodack	Yorkville	Gasoline	Yes	31	$5 00
Brownie	C. E. Norton	Yorkville	Gasoline	Yes	46	10 00
Detroit	T. Wagner	Battle Creek	Gasoline	Yes	21	5 00
Cupid	Ernest West	Battle Creek	Gasoline	Yes	15	.....
La Verdo	R. J. Austin	Battle Creek	Gasoline	Yes	30	5 00
Sis D.	H. P. Hewitt	Battle Creek	Gasoline	Yes	10	.....
Isabel	Earl Denton	Battle Creek	Kerosene	Yes	20	5 00
Arrow	M. K. Sabin	Yorkville	Gasoline	Yes	31	5 00
Speedwell	Fred Brainerd	Cadillac	Steam	Yes	38	5 00
Dolphin	Chas. Poisson	Grand Rapids	Gasoline	Yes	25	5 00
Ramona	Chas. Poisson	Grand Rapids	Gasoline	Yes	25	5 00
W. G. Raudles	C. B. Snow	Cadillac	Steam	Yes	40	5 00
Westover	C. B. Snow	Cadillac	Steam	Yes	110	15 00
Hazel A.	Chas. Poisson	Grand Rapids	Steam	Yes	335	20 00
Major Watson	Chas. Poisson	Grand Rapids	Steam	Yes	475	20 00
R. E. Emmons	Jackson Amusement Co.	Jackson	Gasoline	Yes	72	15 00
Oberlachen	Albert Bailey	Jackson	Gasoline	Yes	20	.....
Dorothy	C. H. Miller	Jackson	Gasoline	Yes	24	.....
Eleanor	C. S. Young	Pontiac	Gasoline	Yes	30	5 00
Truscott	Hoag & Graff	Jackson	Gasoline	Yes	60	10 00
Anna May	Hoag & Graff	Jackson	Gasoline	Yes	30	5 00
Queen City	L. Lepper	Yorkville	Gasoline	Yes	35	5 00
Juanita	Roy Graham	Yorkville	Gasoline	Yes	60	10 00
U. S.	W. B. Cannon	Yorkville	Gasoline	Yes	31	5 00
Pearl	W. R. Schafer	Battle Creek	Steam	Yes	40	5 00
Michigan	Martin H. Brown	Battle Creek	Steam	Yes	77	10 00
Nora I.	Charles Imerson	Manitou Beach	Gasoline	Yes	30	5 00
Jessie I.	E. H. Imerson	Manitou Beach	Gasoline	Yes	30	5 00
Mina	M. J. Ferguson	Devils Lake	Gasoline	Yes	10	.....
Lake-View	E. A. Coon	Manitou Beach	Gasoline	Yes	20	.....
Mildred C.	E. A. Coon	Manitou Beach	Gasoline	Yes	5	.....
Mascot	J. Talmadge	Devils Lake	Gasoline	Yes	20	.....
Damon	B. B. Comparet	Devils Lake	Gasoline	Yes	37	5 00
City of Orion	Orion Navigation Co.	Orion	Gasoline	Yes	250	20 00
Promise	Orion Navigation Co.	Orion	Gasoline	Yes	60	10 00
Rover	Orion Navigation Co.	Orion	Gasoline	Yes	21	5 00
Belle	Smith Bros.	Flint	Gasoline	Yes	105	15 00
Pleasure	Orion Navigation Co.	Orion	Gasoline	Yes	21	5 00
Pastime	Orion Navigation Co.	Orion	Gasoline	Yes	40	5 00
Mego	Ed. Bender	Flint	Gasoline	Yes	60	10 00
Park Island Queen	Orion Navigation Co.	Orion	Gasoline	Yes	60	10 00
Dorothy S.	Theo. Stopel	Haslett	Gasoline	Yes	60	10 00
Laurel	Geo. Neuhoffer	Haslett	Gasoline	Yes	40	5 00
Genesee	Smith Bros.	Flint	Gasoline	Yes	110	15 00
Lakeland	E. O. Graff	Lakeland	Gasoline	Yes	15	.....
North Park No. 3	G. B. Zindel	Grand Rapids	Gasoline	Yes	30	5 00
Coming Back	F. W. Wright	Grand Rapids	Gasoline	Yes	18	5 00
Winnie W.	F. W. Wright	Grand Rapids	Gasoline	Yes	25	.....
North Park No. 1	A. B. Zindel	Grand Rapids	Gasoline	Yes	21	.....
Mac	E. C. Gage	Fremont	Gasoline	Yes	21	5 00
Mattie G.	Rollo Martin	Fremont	Gasoline	Yes	10	.....
Danmark	J. D. Garrett	Watervliet	Gasoline	Yes	25	5 00
Kathryn G.	J. R. Griffith	Watervliet	Gasoline	Yes	25	5 00
Honeymoon	J. R. Griffith	Watervliet	Gasoline	Yes	70	15 00
Ruth C.	O. Comstock	Watervliet	Gasoline	Yes	8	.....
Interurban	C. E. Leslie	Watervliet	Gasoline	Yes	60	10 00
Luella	L. P. Husen	Watervliet	Gasoline	Yes	15	.....
Evanston	E. E. Evans	Watervliet	Gasoline	Yes	30	5 00
Wenonah	C. E. Howell	Frankfort	Gasoline	Yes	12	.....

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Certificates issued to the following named vessels.—Concluded.

Name of vessel.	Name of owner.	Address.	Kind of motive power.	Entitled to certificate.	Number passengers.	Fee.
Defiance	O. C. Versaw	Watervliet	Gasoline	Yes	42	$5 00
Chicago	Lester Arnold	Watervliet	Gasoline	Yes	75	15 00
Dixie	Lester Arnold	Watervliet	Gasoline	Yes	60	10 00
River King	Lester Arnold	Watervliet	Gasoline	Yes	40	5 00
Favorite	Lester Arnold	Watervliet	Gasoline	Yes	100	15 00
Old Glory	L. Campbell	Watervliet	Gasoline	Yes	36	5 00
Phenix	Henry Estborn	Watervliet	Gasoline	Yes	10	.....
Riverview	Wm. Goff	Watervliet	Gasoline	Yes	10	.....
Battle Creek	M. G. Wing	Yorkville	Gasoline	Yes	25	5 00
Roseland	Chas. R. Dewitt	Fenton	Gasoline	Yes	52	10 00
Bluebell	W. J. Moore	Fenton	Gasoline	Yes	40	5 00
Redwing	E. Fuller	Fenton	Gasoline	Yes	36	5 00
Ray Robbin	B. H. Robbins	Markey	Gasoline	Yes	30	5 00
Leona	J. H. Ostrander	Houghton Lake	Gasoline	Yes	22	.....
Matheson	D. H. Matheson	Roscommon	Gasoline	Yes	25	5 00
Mildred	C. H. Brass	Lapeer	Gasoline	Yes	25	.....
Pastime	W. C. Rose	Jackson	Gasoline	Yes	45	10 00
Margaret	George Northrup	Bath	Gasoline	Yes	36	5 00
Reo-Bird	George Northrup	Bath	Gasoline	Yes	10	.....
Caruga	H. Yawger	Battle Creek	Gasoline	Yes	8	.....
Cora L	Frank R. Lemon	Vicksburg	Gasoline	Yes	35	5 00
Kalamazoo	Adams Frick	Indian Lake	Gasoline	Yes	20	5 00
Norva	C. W. Hartt	Pierson	Gasoline	Yes	50	10 00
Emma F	C. O. Freer	Cloverdale	Gasoline	Yes	9	.....
Deliah M	W. Matterson	Shelbyville	Gasoline	Yes	9	.....
Lizzie	F. Orton	Shelbyville	Gasoline	Yes	8	.....
Mick	W. E. Streeter	Middleville	Gasoline	Yes	10	.....
Marilla	W. E. Streeter	Middleville	Gasoline	Yes	30	5 00
Maud	Martin Wise	Shelbyville	Gasoline	Yes	9	.....
Aberdeen	T. B. Glendenning	Flint	Gasoline	Yes	40	5 00
Jennie D	John Deterle	Whitmore Lake	Gasoline	Yes	30	5 00
Wenonah	Roy J. Winsor	Boyne City	Gasoline	Yes	60	15 00
Star Line	A. D. Collum	Lakeland	Gasoline	Yes	15	5 00
Tourist	P. Middleditch	Waloon Lake	Steam	Yes	175	20 00
Pathfinder	A. E. Terpening	Beulah	Gasoline	Yes	60	10 00
Francis	A. E. Terpening	Beulah	Gasoline	Yes	22	5 00
Beulah	A. E. Terpening	Beulah	Gasoline	Yes	20	.....
Cincinnati	Masters & Hass	Waloon Lake	Gasoline	Yes	10	.....
Lizzie H	Carter Helling	Ludington	Gasoline	Yes	20	5 00
Tillie C	Wm. Bugg	Ludington	Gasoline	Yes	60	10 00
Marie	A. C. Peterson	Ludington	Gasoline	Yes	30	5 00
Arcadia	I. O. Harsh	Ludington	Gasoline	Yes	20	5 00
Gypsey	I. W. Jeffers	Fenton	Gasoline	Yes	28	5 00
Kalamazoo	C. A. Sumners	Yorkville	Steam	Yes	75	15 00
Robert H	W. Hutchings	Cassopolis	Gasoline	Yes	30	10 00
Fanetta L	Wallace Tuttle	Dowagiac	Steam	Yes	60	10 00
Mabel C	A. F. Comstock	Houghton Lake	Gasoline	Yes	20	5 00
Elisa Jane II	Chas. Ramsauer	Klinger Lake	Gasoline	Yes	15	.....
Elisa Jane	Chas. Ramsauer	Klinger Lake	Gasoline	Yes	10	.....
Starlight	Sherwood Bros	Shelbyville	Steam	Yes	32	5 00
Forest Glenn	G. O. McOmber	Berrien Springs	Gasoline	Yes	15	.....
Greyhound	Chas. Lowe	Battle Creek	Gasoline	Yes	30	5 00
Monomory	E. J. Parker	Frankfort	Gasoline	Yes	18	.....

Note.—Where no fee is recorded boats are less than 25 feet in length.

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SUMMARY OF BOAT INSPECTION.

LICENSES ISSUED IN 1913.

Number engineer licenses issued	9
Number engineer and master licenses issued	5
Number engineer and pilot licenses issued	126
Number master and pilot licenses issued	3
Number master licenses issued	1
Whole number licenses issued	144
Amount in fees received for licenses	$725

CERTIFICATES OF INSPECTION ISSUED IN 1913.

Number using steam power	11
Number using gasoline power	102
Number passengers allowed to be carried	4,907
Whole number of certificates of inspection issued	114
Amount of fees received for inspection	$635

FINANCIAL STATEMENT OF STEAMBOAT INSPECTION.

Amount collected for licenses issued in 1913	$725 00
Amount collected for inspection in 1913	635 00
Total	$1,360 00
Amount collected for licenses in 1910	$700 00
Amount collected for licenses in 1911	765 00
Amount collected for licenses in 1912	765 00
Amount collected for licenses in 1913	725 00
Total	$2,955 00
Amount collected for inspection in 1910	$655 00
Amount collected for inspection in 1911	755 00
Amount collected for inspection in 1912	760 00
Amount collected for inspection in 1913	635 00
Total	$2,805 00
Aggregate amount collected in 1910	$1,355 00
Aggregate amount collected in 1911	1,520 00
Aggregate amount collected in 1912	1,525 00
Aggregate amount collected in 1913	1,360 00
Total	$5,760 00

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OFFICE OF STATE COAL MINE INSPECTOR.

St. Charles, Mich., Dec. 30, 1913.

Hon. James V. Cunningham,
Commissioner of Labor,
Lansing, Michigan.

Dear Sir:—In compliance with the laws of the State of Michigan, I herewith present to you my report for the term commencing July 1st and ending Nov. 30th, 1913.

The mines in Saginaw county, with the exception of the three that were abandoned (viz.: the Saginaw mine, the Uncle Henry Mine and the Jamestown mine), have been working full time, the only shut-downs being for repairs.

The Bay county mines have also worked very nearly full time, with the exception of the Royal mine which has been shut down all summer for reasons that I have been unable to learn.

MINES ABANDONED.

During the last five months four mines have been abandoned, viz., the "Saginaw," the "Uncle Henry" and the "Jamestown" mines in Saginaw county, and the Robert Gage Coal Company's "Mine No. 5," located in Bay county. The cause of abandonment of the "Saginaw" mine was the working out of the pocket of coal. The "Uncle Henry" and "Jamestown" mines were abandoned on account of the distance they had to haul the coal under ground, it being more economical to sink new shafts nearer the workings. The Bay county mine was abandoned for the same reason.

NEW SHAFTS.

The development and sinking of mines has been as follows: In Tuscola county, near the village of Unionville, the Handy Brothers Mining Co. of Bay City have opened a new mine, known as "Akron Mine No. 2." Near the city of Flint in Genesee county, the What Cheer Coal Mining Co. of Bay City have opened a new mine. Also, the Jackson Coal Co. have started operations at what is known as the "Albion Shaft" in Calhoun county.

NEW ESCAPE SHAFTS.

Two escape shafts have been sunk in compliance with the law,—one at the Handy Brothers mine near Unionville, known as the "Akron Mine No. 2" and one at the What Cheer Coal Company's mine near the city of Flint.

SCALES TESTED.

Six sets of scales have been tested. Three were found to be weighing correctly and three incorrectly, but in all cases where the scales

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were weighing short the companies allowed the shortage to be given on each car of coal until the scales were adjusted and pronounced correct.

ACCIDENTS.

Eighty accidents have been reported, two of which proved fatal, eighteen were of a serious nature, and in fifty-eight cases the injuries were slight. This is a great many accidents to happen in so short a time, but it is not to be accepted that the necessary precautions have not been taken. It must be remembered that the law now requires that all accidents be reported, while heretofore slight accidents have not been reported.

GENERAL CONDITIONS.

The general conditions of the mines at the present time are far better than they were. This I believe is owing to the mining law which went into effect in August of the present year. This law gives the inspector more power than he had heretofore, and I have not hesitated to enforce the law wherever I found it being violated.

RECOMMENDATIONS FOR SAFETY IN THE MINES.

I would recommend that the operators appoint a sober, competent man for each mine, who should go on duty at night and who should make a thorough examination of all the entries and rooms and travelways throughout the mine. This examination should include the observing of all unsafe conditions of any nature whatever, the same to be reported to the mine foreman, whose duty it would be to remove or safeguard each of the dangers reported.

In conclusion, I wish to thank you and your office force for the assistance given me in the porformance of my duties; also to the miners, superintendents, and operators for their willingness to co-operate at all times for the betterment of mining conditions.

Yours respectfully,
THOMAS KANARY,
State Inspector of Coal Mines.

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Consolidated monthly reports of Michigan coal mines for the year.

DECEMBER, 1912.

Name of county.	Number of mines in operation.	Number of employes.	Average number of hours worked per day.	Average number of days worked per month.	Average daily wages.	Aggregate amount paid in wages.	Number gallons illuminating oil used.	Number of mines using powder.	Number of kegs of powder used.	Number of tons of picked coal mined.	Number of tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay	8	1,294	7.5	23	$3 66	$105,691 78	1,064	8	2,162	36,850	39,323	$142,289 83	$1 86
Eaton	1	2	7	28	2 00	112 00	.....	....	.....	42	.....	62 00	1 47
Ingham	1	17	9	27	2 00	898 00	9	....	.....	553	.....	1,023 05	1 85
Saginaw	11	1,027	7.6	21.8	3 49	78,324 67	767	11	1,903	24,296	32,717	112,180 08	1 96
Shiawassee	2	10	8	23.6	2 25	544 00	20	1	6	375	.....	431 25	1 15
Tuscola	1	121	8	23	3 34	9,295 22	197	1	204	4,257	1,419	12,089 88	2 13
Totals for December	24	2,471	7.6	22.5	$3 50	$194,865 67	2,057	21	6,332	66,373	73,459	$268,076 09	$1 91

JANUARY, 1913.

Name of county.	Number of mines in operation.	Number of employes.	Average number of hours worked per day.	Average number of days worked per month.	Average daily wages.	Aggregate amount paid in wages.	Number gallons illuminating oil used.	Number of mines using powder.	Number of kegs of powder used.	Number of tons of picked coal mined.	Number of tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay	8	1,294	7.5	20.3	$3 44	$90,522 28	929	8	1,633	32,882	23,074	$119,589 05	$2 13
Eaton	1	2	7	29	2 00	116 00	.....	....	.....	45	.....	67 50	1 50
Ingham	1	19	9	21	2 00	798 00	.....	....	.....	630	.....	1,165 50	1 85
Saginaw	11	1,063	7.6	17.7	3 30	62,205 64	680	11	1,791	21,367	25,801	93,676 54	1 98
Shiawassee	1	7	8	24	2 50	420 00	12	....	.....	280	.....	280 00	1 00
Tuscola	1	116	8	14	3 15	5,115 60	119	1	126	2,327	775	7,537 86	2 43
Totals for January	23	2,501	7.5	18.9	$3 36	$159,177 52	1,740	20	3,550	57,531	49,650	$222,316 55	$2 07

FEBRUARY, 1913.

Name of county.	Number of mines in operation.	Number of employes.	Average number of hours worked per day.	Average number of days worked per month.	Average daily wages.	Aggregate amount paid in wages.	Number gallons illuminating oil used.	Number of mines using powder.	Number of kegs of powder used.	Number of tons of picked coal mined.	Number of tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay	8	1,201	7.5	16	$3 58	$68,923 38	797	8	1,016	25,009	18,934	$93,233 36	$2 12
Eaton	1	2	7	24	2 00	96 00	.....	....	.....	60	.....	80 00	1 33
Ingham	1	16	8	24	2 20	844 80	.....	....	.....	575	.....	1,063 75	1 85
Saginaw	11	1,072	7.6	18.2	3 53	68,983 72	698	11	1,743	24,975	26,885	94,641 00	1 82
Shiawassee	1	5	8	24	2 50	300 00	11	....	.....	275	.....	275 00	1 00
Tuscola	1	96	8	13	3 21	4,006 08	170	1	102	2,171	723	6,974 54	2 41
Totals for February	23	2,392	7.6	16.9	$3 54	$143,153 98	1,676	20	2,861	53,065	46,542	$196,733 07	$1 97

MARCH, 1913.

Name of county.	Number of mines in operation.	Number of employes.	Average number of hours worked per day.	Average number of days worked per month.	Average daily wages.	Aggregate amount paid in wages.	Number gallons illuminating oil used.	Number of mines using powder.	Number of kegs of powder used.	Number of tons of picked coal mined.	Number of tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay	8	1,186	7.5	14.3	$3 75	$63,647 37	726	8	915	19,444	20,782	$83,958 19	$2 08
Eaton	1	1	6	15	2 50	37 50	.....	....	.....	16	.....	24 60	1 50
Ingham	1	13	9	28	2 00	728 00	.....	....	.....	380	.....	793 00	1 85
Saginaw	9	882	7.5	19.6	3 24	56,033 66	598	9	1,296	18,581	22,027	77,869 69	1 91
Shiawassee	1	6	8	24	2 50	360 00	9	....	.....	290	.....	290 00	1 00
Tuscola	1	101	8	12	3 24	3,926 88	90	....	116	1,778	52	6,070 90	2 57
Totals for March	21	2,189	7.5	16.4	$3 47	$124,733 41	1,423	17	2,327	40,489	42,861	$169,006 38	$2 02

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Consolidated monthly reports of Michigan coal mines for the year.—Continued.

Name of county.	Number of mines in operation.	Number of employes.	Average number of hours worked per day.	Average number of days worked per month.	Average daily wages.	Aggregate amount paid in wages.	Number gallons illuminating oil used.	Number of mines using powder.	Number of kegs of powder used.	Number of tons of picked coal mined.	Number of tons of machine coal mined.	Total cost of output.	Average cost per ton.
APRIL, 1913.													
Bay	8	1,060	7.6	15.8	$3 25	$54,586 88	571	8	1,853	18,970	18,058	$78,825 99	$2 36
Ingham	1	10	8	14	2 00	280 00	.....	....	.....	195	.....	350 75	1 85
Saginaw	9	914	7.5	18.8	3 64	62,709 00	563	8	1,481	26,703	20,520	87,651 80	1 85
Shiawassee	1	8	8	24	2 50	480 00	10	....	.....	300	.....	300 00	1 00
Tuscola	1	90	8	12	3 06	3,304 80	128	1	104	1,450	483	5,528 38	2 86
Totals for April.	20	2,082	7.6	17	$3 42	$121,360 68	1,272	17	2,438	47,618	39,061	$172,656 92	$1 99
MAY, 1913.													
Bay	7	865	7.6	14	$3 64	$44,119 05	496	7	2,253	18,288	8,147	$58,716 45	$2 22
Ingham	1	5	8	21	2 00	210 00	.....	....	.....	103	.....	190 55	1 85
Saginaw	9	908	7.8	15.4	3 32	46,435 20	440	8	1,069	16,089	17,861	70,225 86	2 06
Shiawassee	1	5	8	24	2 50	200 00	12	....	.....	275	.....	275 00	1 00
Tuscola	1	66	8	9	3 19	1,894 86	160	1	77	1,059	353	4,419 56	3 13
Totals for May	19	1,849	7.6	14 6	$3 44	$92,859 11	1,108	16	3,399	35,814	26,361	$133,827 42	$2 15
JUNE, 1913.													
Bay	7	870	7.6	15.5	$3 69	$49,831 63	585	7	3,172	29,544	6,096	$69,955 47	$1 96
Ingham	1	2	8	21	2 00	84 00	.....	....	.....	51	.....	94 35	1 85
Saginaw	9	865	7.8	15.3	3 83	50,382 69	461	8	1,118	22,724	15,030	74,045 17	1 95
Shiawassee	1	10	8	24	3 00	720 00	8	....	.....	400	.....	400 00	1 00
Tuscola	1	72	8	9	3 28	2,125 44	77	1	51	838	279	3,641 42	3 26
Totals for June	19	1,819	7.7	15.2	$3 72	$103,143 76	1,131	16	4,341	53,557	21,405	$148,136 41	$1 97
JULY, 1913.													
Bay	7	882	7.6	17 5	$4 12	$63,596 85	749	7	2,220	29,876	13,027	$86,291 19	$2 02
Ingham	1	4	9	26.	2 10	210 60	.....	....	.....	80	.....	148 00	1 85
Saginaw	8	838	7.6	16.6	3.64	51,379 94	470	8	1,200	19,821	19,238	75,528 42	1 93
Shiawassee	1	8	8	24	3 00	576 00	7	....	.....	350	.....	350 00	1 00
Tuscola	1	72	8	19	3 26	4,421 68	96	1	123	1,742	581	6,248 87	2 69
Totals for July	18	1,804	7.6	17.2	$3 87	$120,185 07	1,322	16	3,543	51,869	32,846	$168,566 48	$1 99

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Consolidated monthly reports of the Michigan coal mines for the year.—Concluded.

AUGUST, 1913.

Name of county.	Number of mines in operation.	Number of employes.	Average number of hours worked per day.	Average number of days worked per month.	Average daily wages.	Aggregate amount paid in wages.	Number gallons illuminating oil used.	Number of mines using powder.	Number of kegs of powder used.	Number of tons of picked coal mined.	Number of tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay	8	1,023	7.6	21.9	$3 41	$77,158 83	846	8	1,555	23,465	28,840	$105,038 09	$2 00
Ingham	1	6	9	26	2 00	312 00	.....	.....	.....	100	.....	351 50	1 85
Saginaw	7	800	7.6	19.9	3 59	57,140 74	531	7	1,280	18,283	24,214	81,319 91	1 91
Tuscola	1	75	8	26	3 30	6,435 00	111	1	179	2,745	915	8,088 60	2 21
Totals for August	17	1,913	7.6	21.2	$3 48	$141,064 57	1,488	16	3,014	44,683	53,969	$194,798 10	$1 97

SEPTEMBER, 1913.

Name of county.	Number of mines in operation.	Number of employes.	Average number of hours worked per day.	Average number of days worked per month.	Average daily wages.	Aggregate amount paid in wages.	Number gallons illuminating oil used.	Number of mines using powder.	Number of kegs of powder used.	Number of tons of picked coal mined.	Number of tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay	8	980	7.7	18.7	$3 49	$64,021 95	715	8	1,140	16,043	24,765	$72,269 68	$1 77
Ingham	1	6	9	26	2 65	413 40	.....	.....	.....	210	.....	388 50	1 85
Jackson	1	2	8	12	2 00	48 00	1	.....	.....	54	.....	99 90	1 85
Saginaw	8	816	7.6	16.6	3 46	46,965 60	400	7	880	14,174	18,416	68,117 12	2 09
Tuscola	1	82	8	19	3 28	5,110 24	80	1	117	1,783	594	5,776 11	2 43
Totals for September	19	1,886	7.7	17.8	$3 47	$116,559 19	1,196	16	2,137	32,264	43,775	$146,651 41	$1 94

OCTOBER, 1913.

Name of county.	Number of mines in operation.	Number of employes.	Average number of hours worked per day.	Average number of days worked per month.	Average daily wages.	Aggregate amount paid in wages.	Number gallons illuminating oil used.	Number of mines using powder.	Number of kegs of powder used.	Number of tons of picked coal mined.	Number of tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay	9	1,175	7.5	25.1	$3 45	$101,838 23	1,004	9	1,661	25,453	41,388	$133,801 24	$1 99
Ingham	1	9	9	26	2 00	468 00	.....	.....	.....	207	.....	382 95	1 85
Jackson	1	4	8	20	2 20	176 00	2	.....	.....	173	.....	320 05	1 85
Saginaw	8	867	7.6	24.4	3 11	66,673 19	579	8	1,612	23,643	30,371	92,181 13	1 70
Tuscola	1	84	8	27	3 21	6,280 28	108	1	158	798	2,392	7,337 00	2 30
Totals for October	20	2,139	7.5	24.9	$3 29	$175,435 70	1,693	18	3,431	50,274	74,651	$234,022 37	$1 87

NOVEMBER, 1913.

Name of county.	Number of mines in operation.	Number of employes.	Average number of hours worked per day.	Average number of days worked per month.	Average daily wages.	Aggregate amount paid in wages.	Number gallons illuminating oil used.	Number of mines using powder.	Number of kegs of powder used.	Number of tons of picked coal mined.	Number of tons of machine coal mined.	Total cost of output.	Average cost per ton.
Bay	9	1,103	7.5	22.1	$3 67	$89,512 89	948	9	1,538	29,232	43,128	$135,704 39	$1 87
Eaton	1	1	7	11	2 80	30 80	.....	.....	.....	9	.....	20 00	2 22
Ingham	1	12	9	26	2 25	702 00	.....	.....	.....	220	.....	407 00	1 85
Jackson	1	6	8	22	2 25	297 00	.....	.....	.....	329	.....	608 65	1 85
Saginaw	7	825	7.6	21.7	3 16	56,684 55	477	7	1,241	21,495	20,976	80,726 89	1 94
Tuscola	1	72	8	19	3 21	4,391 28	120	1	122	1,895	631	6,264 48	2 48
Totals for November	20	2,019	7.5	21.4	$3 50	$151,618 52	1,545	17	2,901	53,180	64,735	$223,731 41	$1 89

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Consolidated yearly report from the Michigan coal mines for the year ending December 1, 1913.

Months in which operated.	Number of mines in operation each month.	Average number of employes for each month.	Average number of hours worked per day each month.	Average number of days worked each month.	Average daily wages paid each month.	Average number gallons of illuminating oil used each month.	Number of mines using blasting powder each month.	Average number of kegs of powder used each month.	Aggregate tons of picked coal mined each month.	Aggregate tons of machine coal mined each month.	Aggregate cost of mining said coal each month.	Average cost per ton for mining coal each month.
December, 1912	24	2,471	7.6	22.5	$3 50	2,057	21	6,332	66,373	73,373	$268,076 09	$1 91
January, 1913..	23	2,501	7.5	18.9	3 36	1,740	20	3,550	57,531	49,650	222,316 45	2 07
February.....	24	2,392	7.6	16.9	3 54	1,676	20	2,861	53,065	46,542	196,733 07	1 97
March.....	21	2,189	7.5	16.4	3 47	1,423	17	2,327	40,489	42,861	169,006 38	2 02
April.....	20	2,092	7.6	17	3 42	1,272	17	2,438	47,618	39,061	172,656 92	1 99
May.....	19	1,849	7.6	14.6	3 44	1,108	16	3,399	35,814	26,361	133,827 42	2 15
June.....	19	1,819	7.7	15.2	3 72	1,131	16	4,341	53,557	21,405	148,136 41	1 97
July.....	18	1,804	7.6	17.2	3 87	1,322	16	3,543	51,869	32,846	168,566 48	1 99
August.....	17	1,913	7.6	21.2	3 48	1,488	16	3,014	44,683	53,969	194,798 10	1 97
September.....	19	1,886	7.7	17.8	3 47	1,196	16	2,137	32,264	43,775	146,651 41	1 94
October.....	20	2,139	7.5	24.9	3 29	1,693	18	3,431	50,274	74,651	234,022 37	1 87
November.....	20	2,019	7.5	21.4	3 50	1,545	17	2,901	53,180	64,735	223,731 41	1 89
Aggregate for year.....	....	.....	....	.....	$1,644,139 18	17,651	....	40,274	586,717	569,315	$2,278,522 51	.....
Average per month.....	20	2,088	7.6	18.8	$3 49	1,470	....	3,356	48,893	47,442	$189,878 70	$1 97

SUMMARY OF COAL MINE INSPECTION.

Average number of mines in operation	20
Average number of employes	2,088
Average number of hours worked per day	7.6
Average number of days worked per month	18.8
Average daily earnings of each employe	$3.49
Aggregate sum paid in wages	$1,644,139 18
Total number of gallons of oil used	17,651
Total number of kegs of powder used	40,274
Aggregate output of mines in tons of picked coal	586,717
Aggregate output of mines in tons of machine coal	569,315
Aggregate cost of output	$2,278,522 51
Average cost per ton	$1 97

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Record of accidents that have occurred in the coal mines of Michigan during the past year.

Date accident occurred.	Name of mine where employed.	Name of person injured.	Age of person injured.	Nationality.	Married or single.	Was accident slight, fatal, severe or serious.	Number days disabled.	Were any benefits received.	Was accident due to carelessness of person injured.	Does company use diligence in preventing accident.
	BAY COUNTY.									
Nov. 29, 1913	Wolverine Mine No. 2	John Heidler	31	Ger.	M.	Slight			Yes	Yes
Nov. 25, 1913	What Cheer	Herman Strope	34	Dutch	M.	Slight			Yes	Yes
Nov. 25, 1913	What Cheer	Jess Moleske	27	Polish	M.	Slight			Yes	Yes
Nov. 22, 1913	What Cheer	Lewis Booth	20	Eng.	S.	Slight			Yes	Yes
Nov. 17, 1913	Wolverine Mine No. 2	Wm. Long	22	Scot.	S.	Slight				
Nov. 17, 1913	Beaver Coal Co. No. 7	Dan Shileds	38	Ger.	M.	Slight				Yes
Nov. 15, 1913	Beaver Coal Co. No. 1	Herman Bensenberg	21	Ger.	S.	Slight	8	No	Yes	Yes
Nov. 14, 1913	Wolverine Mine No. 2	T. Zouskikie	32	Polish	M.	Slight				
Nov. 11, 1913	Beaver Coal Co. No. 1	John Catteau	48	French	M.	Slight		Yes		Yes
Nov. 10, 1913	What Cheer	Thomas Reed	23	Scot.	S.				Yes	Yes
Nov. 7, 1913	Auburn Mine No. 5	Evan Reese	52	Eng.	M.	Fatal				Yes
Nov. 3, 1913	Beaver Mine No. 1	Isom McKay	35	Mex.	M.	Slight				Yes
Nov. 1, 1913	Beaver Coal Co. No. 1	Allen Dorin, Jr.	16	Ger.	M.	Slight	30	No		Yes
Dec. 1, 1913	Wolverine Mine No. 3	Frederick Schrader	23	Ger.	S.	Severe				
Dec. 8, 1913	Beaver Coal Co. No. 1	Joseph Ashburn	31	Ger.	S.	Slight				
Dec. 9, 1913	What Cheer	Thos. Barcie	47	French	M.	Slight			Yes	Yes
Dec. 12, 1913	Wolverine Mine No. 2	Pete Wagner	37	Ger.	M.	Slight				
Dec. 12, 1913	Wolverine Mine No. 2	John Gregg	30	Scot.	S.	Slight				
Dec. 13, 1913	Wolverine Mine No. 2	John Tanks	38	Eng.	M.	Slight				
Dec. 15, 1913	What Cheer	Tony Polinski	34	Polish	M.	Slight			Yes	Yes
Dec. 16, 1913	Wolverine Mine No. 2	O. Nicols	38		M.	Slight				
Dec. 17, 1913	Beaver Coal Co. No. 1	Chas. White	22	Eng.	S.	Slight				
Dec. 19, 1913	What Cheer	Wm. Heath	56	Eng.	M.	Slight			Yes	Yes
Dec. 20, 1913	Wolverine Mine No. 2	John Porter	32	Scot.	S.	Slight				
Dec. 23, 1913	Wolverine Mine No. 2	Wm. Parker	18	Scot.	S.	Slight			Yes	Yes
Dec. 23, 1913	What Cheer	James McMullen	19	Scot.	S.	Slight				
Dec. 29, 1913	Beaver Coal Co. No. 1	Alex. Drumple	19	Scot.	S.	Slight				
Dec. 30, 1913	Wolverine Mine No. 2	O. Flynn	37	Irish	M.	Slight				
Jan. 6, 1914	Beaver Coal Co. No. 1	Chas. Swanson	43	Swede	M.	Slight				
Jan. 6, 1914	Wolverine Mine No. 2	Thos. Campbell	22	Scot.	S.	Slight				
Jan. 13, 1914	Beaver Coal Co. No. 1	Chas. Picardy	32	Fren.	M.	Severe				
Jan. 14, 1914	What Cheer	Geo. Klink	21	Dutch	S.	Slight			Yes	Yes
Jan. 16, 1914	What Cheer	Harry Smithsley	25	Dutch	M.	Slight			Yes	Yes
Jan. 16, 1914	Wolverine Mine No. 2	F. Yosiok	23	Polish	S.	Slight				
Jan. 20, 1914	What Cheer	Sam Morris	27	Eng.	M.	Slight			Yes	Yes
Jan. 23, 1914	What Cheer	Chas. Cadd	22	Eng.	S.	Slight			Yes	Yes
Jan. 23, 1914	What Cheer	Pete Siski	33	Polish	M.	Slight			Yes	Yes
Jan. 28, 1914	Beaver Coal Co. No. 1	John Campbell	27	Scot.	S.	Slight				
Jan. 28, 1914	Beaver Coal Co. No. 1	Mose Sloggett	57	Eng.	M.	Severe				
Jan. 29, 1914	Beaver Coal Co. No. 1	James Dollinham	43	Irish	M.	Severe				
Jan. 29, 1914	Beaver Coal Co. No. 1	Ray Madigan	23	Irish	S.	Severe			No	Yes
Jan. 30, 1914	What Cheer	Andy Simon	26	Polish	M.	Slight			No	Yes
Feb. 18, 1914	What Cheer	Adam Stachomch		Polish	M.	Slight				
Feb. 9, 1914	What Cheer	Frank Underboom	25	Dutch	S.	Severe			No	Yes
Feb. 3, 1914	What Cheer	A. J. Strawbridge	53	Eng.	M.	Slight			No	Yes
Oct. 14, 1912	The Royal Coal Co	Chas. Finley	32		M.	Slight				
	GENESEE COUNTY.									
Feb. 5, 1914	What Cheer No. 2	Art Tucker	29	Scot.	M.	Severe			No	Yes
Feb. 12, 1914	What Cheer No. 2	Louie Ginam	23	Amer.	M.	Slight			No	Yes
Feb. 18, 1914	What Cheer No. 2	Frank Schroader	29	Ger.	M.	Slight			Yes	Yes
Feb. 7, 1914	What Cheer No. 2	Ed. Molton	35	Amer.	M.	Severe			No	Yes
Dec. 31, 1913	What Cheer No. 2	Fred Robinson	32	Amer.	M.	Fatal			No	Yes

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Record of accidents that have occurred in the coal mines of Michigan during the past year.—Concluded.

Date accident occurred.	Name of mine where employed.	Name of person injured.	Age of person injured.	Nationality.	Married or single.	Was accident slight, fatal, severe or serious.	Number days disabled.	Were any benefits received.	Was accident due to carelessness of person injured.	Does company use diligence in preventing accident.
	SAGINAW COUNTY.									
Oct. 14, 1913	Banner Coal Co	M. Meissner	35	G. Am.	M.	Slight	7		No	Yes
Nov. 24, 1913	Pere Marquette No. 3	Wm. Daum	50	Ger.	M.	Slight				
Nov. 19, 1913	Bliss Mine	John Brigham	23	Irish	M.	Slight			No	Yes
Nov. 17, 1913	Pere Marquette	Dan Mentor	45	Eng.	M.	Slight				
Dec. 2, 1913	Bliss Coal Co	E. J. Becker	47	Amer.	M.	Severe				Yes
Dec. 3, 1913	Robert Gage No. 2	Wm. J. Davis	58	Welsh	M.	Severe				
Dec. 3, 1913	Robert Gage No. 2	Joe Turner	20	Amer.	S.	Severe				
Dec. 4, 1913	Robert Gage No. 7	M. Dalton	68	Rus.	M.	Slight				
Dec. 4, 1913	Robert Gage No. 2	E. Simmons	62	Eng.	M.	Severe				
Dec. 6, 1913	Robert Gage No. 2	Jas. Davis	48	Welsh	M.	Slight				
Dec. 9, 1913	Pere Marquette Mine No. 3	Wm. Devers	28	Irish	M.	Slight				
Dec. 10, 1913	Robert Gage No. 7	Chas. Arbaugh	29	Amer.	M.	Slight				
Dec. 10, 1913	Shiawassee	H. Alexander	59	Eng.	M.	Severe				
Dec. 11, 1913	Robert Gage No. 2	Wm. Graves	42	Amer.	M.	Severe				
Dec. 12, 1913	Banner Coal Co	Wm. Eastwell	41	Polish	M.	Severe				Yes
Dec. 15, 1913	Robert Gage No. 7	Thos. Graham	52	Eng.	M.	Severe				
Dec. 15, 1913	Robert Gage No. 2	John Mahoney	22	Irish	S.	Slight				
Dec. 16, 1913	Robert Gage No. 6	W. H. Anderson		Eng.	M.	Severe				
Dec. 16, 1913	Shiawassee	M. Hickey	56	Irish	M.	Slight				
Dec. 29, 1913	Robert Gage No. 2	John Spencer	24	Amer.	M.	Slight				
Dec. 30, 1913	Robert Gage No. 6	John Adams		Polish	M.	Slight				
Dec. 31, 1913	Robert Gage No. 2	Clovis Brichott	37	Fren.	M.	Slight				
Dec. 31, 1913	Robert Gage No. 2	Joe Wind	50	Polish	M.	Slight				
.....	Robert Gage No. 2	Herman Frede, Sr.	53	Ger.	M.	Slight				
Jan. 3, 1914	Robert Gage No. 2	David Evans	51	Welsh	S.	Slight				
Jan. 8, 1914	Banner Coal Co	Otto Ashbecker	44	Eng.	W.	Serious			No	Yes
Jan. 8, 1914	Shiawassee	James Elie		Ital.		Slight				
Jan. 10, 1914	Pere Marquette No 3	J. Propok	48	Ger.	M.	Severe				
Jan. 20, 1914	Shiawassee	Wm. Borden	29	Amer.	S.	Severe				

SUMMARY OF COAL MINE ACCIDENTS.

Number of mines where accidents were reported	17
Number of accidents reported	80
Number of fatalities reported	2
Number of serious accidents reported	1
Number of severe accidents reported	18
Number of slight accidents reported	58
Number who were married	55
Number who were single	23
Average age of those killed and injured	34
Number who were American born	9
Number who were English born	15
Number who were French born	4
Number who were German born	8
Number who were Italian born	1
Number who were Polish born	10
Number who were Scotch born	9
Number who were Swedish born	1
Number who were Mexican born	1

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TENEMENT SHOP INSPECTION.

The tenement house inspection for the year 1913 was confined entirely to the city of Detroit. The following summaries will give you some idea of the number and kind of tenement houses that were inspected.

TAILORING.

Number of shops inspected in 1913	82
Number of persons employed	73
Number of proprietors of shops who work	81
Average daily earnings of proprietors	$2.84
Number of males other than proprietors	27
Average daily wages paid males	$1 82
Number of females other than proprietors	44
Average daily wages paid females	$1.14
Number of employes outside members of family	33
Average hours each employe works per day	9.5
Number of rooms occupied	89
Average number of cubic feet of air in each room	2,802
Average cubic feet for each person employed	3,416
Number of shops connected with living rooms	15
Number of shops where sanitary conditions are good	20
Number of shops where cleanliness is reported good	27
Number of shops having good light	80
Number of shops having good ventilation	80

CLEANING AND PRESSING.

Number of shops inspected in 1913	19
Number of persons employed	4
Number of proprietors of shops who work	19
Average daily earnings of proprietors	$2.85
Number of males other than proprietors employed	3
Average daily wages paid males	216
Number of females other than proprietors employed	1
Average daily wages paid females	$1.50
Number of employes outside members of the family	2
Average hours each employe works per day	9
Number of rooms occupied	21
Average number of cubic feet of air in each room	2,121
Average cubic feet for each person employed	1,135
Number of shops connected with living rooms	5
Number of shops where sanitary conditions are good	14
Number of shops where cleanliness is reported good	13
Number of shops having good light	18
Number of shops having good ventilation	18

CIGARS.

Number of shops inspected in 1913	76
Number of persons employed	79
Number of proprietors of shops who work	75
Average daily earnings of proprietors	$2.83
Number of males other than proprietors employed	58
Average daily wages paid males	$2.25
Number of females other than proprietors employed	19
Average daily wages paid females	$1.25
Number of employes outside members of the family	·35
Average hours each employe works per day	8
Number of rooms occupied	80
Average number of cubic feet of air in each room	1,444
Average cubic feet for each person employed	1,463
Number of shops connected with living rooms	34

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Number where sanitary conditions are good	73
Number where cleanliness is reported good	69
Number of shops having good light	76
Number of shops having good ventilation	76

SUMMARY.

Number of shops manufacturing cigars inspected	76
Number of shops doing pressing and cleaning	19
Number of shops employed at tailor work	82
Whole number of shops inspected	177
Whole number of proprietors of shops who work	175
Whole number of males other than proprietors	88
Whole number of females other than proprietors	54
Whole number employed in shops	70
Average daily earnings of proprietors	$2.84
Average daily earnings of all other male employes	$2.00
Average daily earnings of all other female employes	$1.25
Average daily earnings of all other employes	$1.62
Whole number of persons employed outside members of family	70
Average hours each person works per day	8.5
Average number of cubic feet of air supplied each employe	2,004
Number of shops connected with living rooms	54

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Table showing the inspection of stores by counties.

Name of county.	Number stores inspected.	Number managers employed.	Average daily wages.	Number male bookkeepers.	Average daily wages.	Number female bookkeepers.	Average daily wages.	Number male stenographers.	Average daily wages.	Number female stenographers.	Average daily wages.	Number male cashiers.	Average daily wages.	Number female cashiers.	Average daily wages.	Number male sales clerks.	Average daily wages.	Number female sales clerks.	Average daily wages.
Alcona	2	3														3	$2 00		
Alger	16	1	$2 75	2	$5 25	2	$1 75							1	$0 50	20	2 32	8	$1 34
Alpena	9	5	3 95			5	1 36			1	$1 12			3	1 06	30	2 39	69	1 00
Antrim	5	1	4 50	1	3 20	1	1 50									12	1 93	10	63
Arenac	9	11		1	2 00	2	1 42							2		9	1 90	9	83
Bay	146	25	4 81	26	3 16	55	1 51	4	$2 50	16	1 28	1	$2 00	28	1 01	372	2 17	421	1 19
Baraga	15	15	4 33													20	1 88	4	93
Barry	5	1	2 00													7	1 79	5	1 53
Berrien	17	5	3 61	2	1 68	9	1 43			2	1 16	1	1 33	2	1 16	21	2 30	82	1 34
Calhoun	52	24	4 65	6	2 88	39	1 80			5	1 56			14	1 25	147	2 55	194	1 09
Cass	4			1		1	2 00							1	1 50	7	2 71	14	1 75
Charlevoix	9	1	3 00			1	1 25							2	82	22	1 91	19	1 40
Cheboygan	5					2	1 25							1	54	11	2 00	27	1 99
Chippewa	12			2	1 12	6	2 01			1	1 20			5	1 45	42	3 10	56	1 24
Clare	7	1	1 33			3	1 16									12	1 85	9	1 25
Clinton	19	25	3 80	4	1 75	3	1 56			1	1 00	2	1 25	1	2 00	27	2 21	13	1 30
Crawford	7					1	1 00									7	2 14	4	1 44
Eaton	2															3	1 72	5	96
Emmet	33	5	4 43	5	2 46	9	1 88			5	1 78			4	1 56	74	2 41	69	1 41
Genesee	46	11	4 20			32	1 98			5	1 45			11	1 38	151	3 22	205	1 34
Gladwin	13	18	4 03			1	1 50									12	1 97	7	1 14
Gogebic	3	1	4 00			3													
Gratiot	39	9	2 49			4	1 35									44	1 91	38	1 23
Hillsdale	1															2	1 75	3	1 00
Houghton	55	26	4 55	19	2 88	30	1 52			6	1 57			6	1 07	159	2 43	197	1 16
Ingham	42	28	4 33	7	3 09	29	1 42			9	1 28	1	1 17	15	1 33	149	2 47	296	1 25
Ionia	95	6	8 79	3	2 71	12	87	1	1 67	2	1 48	4	95	115	2 68	108	1 16	1	33
Iosco	1	1	3 50													2	1 00		
Isabella	21	3	3 91			4	4 23							1	1 00	18	2 08	28	1 59
Jackson	37	18	5 30			30	1 20			5	1 51			9	1 14	91	2 76	187	1 42

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Table showing the inspection of stores by counties.—Continued.

Name of county.	Number male cash clerks.	Average daily wages.	Number female cash clerks.	Average daily wages.	Number floorwalkers.	Average daily wages.	Number elevator conductors.	Average daily wages.	Number porters.	Average daily wages.	Number shipping clerks.	Average daily wages.	Number delivery men.	Average daily wages.	Other employes.	Average daily wages.	Whole number of employes.
Alcona																	6
Alger													9	$2 97			62
Alpena					2	$2 50			2	$1 50			6	1 81			134
Antrim													1	1 95	2	$1 12	34
Arenac													1	1 25			38
Bay	1	$0 50	25	$0 19	2	3 00	6	$1 06	23	1 55	16	$2 17	58	1 74	120	1 72	1,366
Baraga													7	2 02			47
Barry	10	1 32													1	1 58	29
Berrien					2	3 78			4	1 45	2	1 50	3	1 83	12	1 89	163
Calhoun					7	2 65	3	89	15	1 64			6	2 23	66	2 04	584
Cass															2	1 25	27
Charlevoix													3	1 80	1	1 58	59
Cheboygan											1	1 00	1	1 00	1	1 25	51
Chippewa					3	1 25	2	1 12	3	2 00	1	30	5	2 12	17	2 30	156
Clare															1	2 00	33
Clinton											3	1 55	3	1 59	13	2 07	95
Crawford															1	75	21
Eaton																	9
Emmet							1	1 00	1	2 00	3	2 08	11	1 58	14	1 69	217
Genesee	1	1 00	2	50	4	2 70	4	1 58	15	1 90	7	2 61	22	2 20	68	1 39	585
Gladwin																	38
Gogebic																	4
Gratiot	7	1 10							1	2 00			5	1 50	5	1 98	117
Hillsdale																	6
Houghton	3	1 00	10	75			3	89	3	1 88	6	2 45	48	2 76	27	2 35	543
Ingham			2	55	7	3 11	5	1 73	6	3 22	6	2 47	12	2 97	79	1 88	714
Ionia	3	66					1	2 00	3	1 29			8	1 35	8	1 30	388
Iosco																	3
Isabella													5	1 62	1	2 00	89
Jackson	2	63	7	89	3	3 05	3	1 42	11	1 95	3	1 88	19	2 00	75	2 10	489

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Table showing the inspection of stores by counties.—Continued.

Name of county.	Number stores inspected.	Number managers employed.	Average daily wages.	Number male bookkeepers.	Average daily wages.	Number female bookkeepers.	Average daily wages.	Number male stenographers.	Average daily wages.	Number female stenographers.	Average daily wages.	Number male cashiers.	Average daily wages.	Number female cashiers.	Average daily wages.	Number male sales clerks.	Average daily wages.	Number female sales clerks.	Average daily wages.
Kalamazoo	47	21	$5 61	11	$2 64	43	$1 83	1	$8 00	12	$1 71	1	$3 00	17	$1 21	179	$2 47	214	$1 42
Kent	20	45	4 17	11	3 76	56	2 04	5	2 21	21	1 63			39	1 24	280	2 64	606	1 31
Keweenaw	3	3	4 00	4	3 00	1	75									15	2 45	9	1 40
Lake	2			1	2 00													4	4 59
Luce	2					2	1 50									6	2 27	1	1 15
Mackinac	13	1	5 00	3	3 00	4	1 00					1	2 00	7	81	52	2 08	13	1 59
Manistee	16	17	3 01	2	2 75	9	80			1	1 40	2	2 50	8	86	35	1 91	84	73
Marquette	61	4	2 93	9	2 13	5	1 04	9	1 16	1	2 00	7	85	105	1 58	102	1 36		
Mason	3	4	6 00			2	2 11			1	1 00			2	1 86	10	2 22	12	2 55
Mecosta	3			1	3 00					1	2 00					8	2 41	12	1 26
Midland	10	13	1 50	4	1 72									1	1 00	11	1 38	11	89
Montcalm	5					1	1 33			1	1 00			2	87	7	2 00	19	1 26
Oakland	32	9	5 07	4	2 49	15	1 54	1	3 00	3	3 50	1	3 50	6	1 25	98	2 56	90	1 37
Oceana	1	2	95			1	1 00	1	1 50							5	1 50	3	1 00
Ogemaw	1															1	1 65		
Ontonagon	9															8	1 96	6	1 69
Osceola	1															1	1 50	1	1 00
Presque Isle	6	2	4 00			3	1 94									11	2 79	9	1 25
Roscommon	5															6	1 62	1	60
Saginaw	177	46	4 00	32	2 35	59	1 79	3	1 46	31	1 44	4	2 00	50	73	339	2 62	293	1 53
St. Joseph	6	1	3 68							1	1 32					7	2 37	14	94
Schoolcraft	4	2	3 50			1	1 50							7	2 14	13	2 64	12	1 45
Shiawassee	34	5	2 50	1	4 00	15	1 09			1	92			3	1 30	62	1 58	93	1 36
Van Buren	9	1	3 00			2	1 25					1	1 25	1	1 25	28	1 81	9	1 13
Washtenaw	27	24	2 32	6	2 84	30	1 45	1	1 66	8	1 17			13	1 26	68	2 33	113	1 36
Wayne	110	180	6 68	104	3 36	172	1 80	6	2 58	109	1 89	24	2 57	180	1 93	986	1 65	1,610	1 79
Wexford	16	6	3 41	1	2 15	3	1 41	2	2 50					3	1 20	16	1 59	41	1 06
Total	1,527	620	$4 44	273	$2 52	708	$1 63	34	$1 90	247	$1 67	48	$2 09	554	$1 46	3,943	$2 06	5,366	$1 36

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Table showing the inspection of stores by counties.—Concluded.

Name of county.	Number male cash clerks.	Average daily wages.	Number female cash clerks.	Average daily wages.	Number floorwalkers.	Average daily wages.	Number elevator conductors.	Average daily wages.	Number porters.	Average daily wages.	Number shipping clerks.	Average daily wages.	Number delivery men.	Average daily wages.	Other employes.	Average daily wages.	Whole number of employes.
Kalamazoo					5	$2 99	7	$1 72	21	$1 60	17	$0 96	14	$2 19	114	$2 26	750
Kent	20	$0 65	58	$0 59	23	2 80	26	1 48	44	1 86	26	2 24	50	1 86	399	1 98	1,716
Keweenaw													3	2 50			35
Lake																	7
Luce													2	2 00			13
Mackinac					1	1 50							12	1 35			5
Manistee					1	1 50	1	1 50	2	1 90			9	1 40	4	1 68	175
Marquette					1	3 00							60	1 86	27	1 76	415
Mason									1	75			3	2 00	4	2 00	39
Mecosta													2	2 50	4	87	28
Midland													3	1 83			2
Montcalm															2	54	39
Oakland					2	3 00	1	2 00	7	1 73	1	2 25	10	2 11	18	2 72	286
Oceana															1	1 50	14
Ogemaw																	3
Ontonagon													4	1 87			30
Osceola																	2
Presque Isle									1	1 00			1	2 66			31
Roscommon																	15
Saginaw	5	83	24	47	7	83	8	1 65	21	1 55	16	2 26	58	1 65	195	1 88	1,355
St. Joseph									2	39							30
Schoolcraft													1	2 25	1	1 50	40
Shiawassee									3	1 30	1	1 84	6	1 39	17	1 27	234
Van Buren															5	1 04	60
Washtenaw	3	61	8	48	2	3 12	2	1 13	9	1 58	2	2 05	15	1 68	73	1 92	398
Wayne	39	74	310	79	74	3 75	91	1 93	150	2 17	98	2 39	180	2 19	1,512	2 03	5,844
Wexford															2	2 45	91
Total	92	$0 83	449	$0 70	147	$3 17	164	$1 71	348	$1 86	209	$1 95	667	$2 00	3,091	$1 76	17,760

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SUMMARY OF STORE INSPECTION.

Whole number stores inspected	1,527
Number managers employed	620
Average daily wages paid	$4 44
Highest number of hours worked per day	15
Lowest number of hours worked per day	8
Number male bookkeepers employed	273
Average daily wages paid	$2.52
Highest number of hours worked per day	14
Lowest number of hours worked per day	7
Number female bookkeepers employed	708
Average daily wages paid	$1.63
Highest number of hours worked per day	10
Lowest number of hours worked per day	7
Number male stenographers employed	34
Average daily wages paid	$1.90
Highest number of hours worked per day	11
Lowest number of hours worked per day	8
Number female stenographers employed	247
Average daily wages paid	$1.67
Highest number of hours worked per day	10
Lowest number of hours worked per day	5
Number male cashiers employed	48
Average daily wages paid	$2.09
Highest number of hours worked per day	10
Lowest number of hours worked per day	8
Number female cashiers employed	554
Average daily wages paid	$1.46
Highest number of hours worked per day	10
Lowest number of hours worked per day	3
Number salesmen employed	3,943
Average daily wages paid	$2.06
Highest number of hours worked per day	15
Lowest number of hours worked per day	4
Number salesladies employed	5,366
Average daily wages paid	$1.36
Highest number of hours worked per day	12*
Lowest number of hours worked per day	3
Number cash boys employed	92
Average daily wages paid	$0.83
Highest number of hours worked per day	10
Lowest number of hours worked per day	4
Number cash girls employed	449
Average daily wages paid	$0.70
Highest number of hours worked per day	10
Lowest number of hours worked per day	4
Number floorwalkers employed	147
Average daily wages paid	$3.17
Highest number of hours worked per day	11
Lowest number of hours worked per day	7

*Order was left correcting this condition.

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Number elevator conductors employed	164
Average daily wages paid	$1.71
Highest number of hours worked per day	10
Lowest number of hours worked per day	8
Number porters employed	348
Average daily wages paid	$1.86
Highest number of hours worked per day	12
Lowest number of hours worked per day	6
Number shipping clerks employed	209
Average daily wages paid	$1.95
Highest number of hours worked per day	14
Lowest number of hours worked per day	8
Number delivery men employed	667
Average daily wages paid	$2.00
Highest number of hours worked per day	12
Lowest number of hours worked per day	4
Number other employes	3,091
Average daily wages paid these employes	$1.76
Total number employed	17,760

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Public Buildings.

Name of county.	Number buildings inspected.	Number one story high.	Number two stories high.	Number three stories high.	Number having fire escapes.	Number not having fire escapes.	Number heated by steam.	Number heated by hot air.	Number heated by stoves.	Number where plumbing is in safe condition.	Number where plumbing is not in safe condition.	Number having one stairway.	Number having two or more stairways.	Number where all doors swing outwardly.	Number where all doors do not swing outwardly.
Alcona	3	1	2	....	....	3	1	....	2	1	....	1	2	2	1
Arenac	1	....	....	1	1	....	....	....	1	....	....	1	....	1	....
Bay	11	3	4	4	2	9	10	1	....	11	....	....	11	11	....
Berrien	7	....	....	7	....	7	1	1	5	2	5	7	....	2	5
Calhoun	2	....	1	1	2	....	1	....	1	1	....	1	1	2	....
Crawford	3	....	3	....	....	3	2	....	1	2	....	1	2	2	1
Cass	1	....	1	....	....	1	....	....	1	....	....	1	....	....	1
Charlevoix	1	....	....	1	1	....	1	....	....	1	....	....	1	1	....
Dickinson	1	....	....	1	....	1	1	....	....	1	....	1	....	1	....
Eaton	4	....	1	3	3	1	2	....	2	2	....	3	1	2	2
Emmet	2	....	2	....	2	....	....	....	2	....	....	....	2	2	....
Genesee	6	....	3	3	4	2	5	....	1	5	....	....	6	5	1
Gladwin	2	....	2	....	....	2	1	....	1	1	....	....	2	1	1
Houghton	2	....	2	....	....	2	....	....	2	....	....	....	2	2	....
Ingham	2	....	1	1	....	2	2	....	....	2	....	1	1	1	1
Ionia	4	....	3	1	....	4	4	....	....	4	....	....	4	1	3
Iosco	1	....	1	....	1	....	1	....	....	1	....	1	....	1	....
Jackson	1	....	....	1	1	....	1	....	....	1	....	1	....	1	....
Kent	6	2	4	....	....	6	4	....	2	4	....	4	....	4	2
Lake	1	....	1	....	....	1	....	....	1	....	....	....	1	....	1
Mackinac	2	....	2	....	1	1	....	....	2	....	....	....	6	1	1
Oakland	14	1	2	11	2	12	10	....	4	11	....	4	10	9	5
Ogemaw	2	....	1	1	....	2	2	....	....	2	....	2	....	2	....
Roscommon	2	....	2	....	....	2	....	....	2	....	....	2	....	....	2
Van Buren	2	....	....	2	....	2	....	....	2	....	....	2	....	1	1
Washtenaw	23	9	6	8	4	19	13	3	7	16	....	9	11	22	1
Wayne	8	....	....	8	7	1	8	....	....	8	....	1	6	6	2
Total	112	16	42	54	31	81	70	5	37	78	5	43	69	81	31

SUMMARY OF PUBLIC BUILDING INSPECTION.

Whole number buildings inspected	112
Number one story	16
Number two stories	42
Number three stories or over	54
Number having fire escapes	31
Number not having fire escapes	81
Number heated by steam	70
Number heated by hot air	5
Number heated by stoves	37
Number where plumbing is in safe condition	78
Number where plumbing is not in safe condition	5
Number where there is no plumbing	29
Number having one stairway	43
Number having two or more stairways	69
Number where all doors swing outwardly	81
Number where all doors do not swing outwardly	31

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Female Wage Earners.

Name of city.	Number of establishments.	Number females employed	Aggregate daily wages.	Number work by month.	Number work by week.	Number work by day.	Number work by hour.	Number work by piece.
Allegan	13	47	$52 10	.....	44	3	.....	.....
Big Rapids	17	77	87 16	.....	50	2	.....	25
Caledonia	3	5	4 41	3	2	.....	.....	.....
Cedar Springs	6	7	7 16	.....	7	.....	.....	.....
Coopersville	5	54	55 51	.....	6	.....	40	8
Detroit	50	3,890	1,800 56	5	1,250	.....	4	2,631
Douglas	2	2	2 00	1	1	.....	.....	.....
Fennville	7	9	9 37	.....	7	.....	.....	2
Fremont	4	161	162 45	.....	4	1	51	105
Grand Haven	4	5	4 55	.....	5	.....	.....	.....
Grand Rapids	254	566	6,423 37	483	110	105	564	1,299
Grandville	4	5	4 55	.....	5	.....	.....	.....
Greenville	8	89	84 47	11	49	1	9	19
Hart	5	14	12 31	9	2	.....	3	.....
Hastings	11	167	204 29	.....	22	.....	75	70
Holland	31	402	409 89	17	134	136	16	119
Howard City	2	2	1 49	.....	2	.....	.....	.....
Lansing	154	1,009	1,355 81	195	595	19	48	152
Lowell	1	2	64	.....	2	.....	.....	.....
Ludington	29	210	229 54	27	92	13	.....	78
Middleville	5	23	27 85	.....	7	.....	.....	16
Montague	3	3	2 16	.....	3	.....	.....	.....
Muskegon	45	999	1,093 71	21	317	39	265	357
Newaygo	7	22	16 06	3	7	.....	.....	12
Otsego	9	118	165 94	.....	18	9	.....	91
Pentwater	4	57	68 99	4	4	.....	49	.....
Plainwell	6	88	92 94	.....	26	.....	61	1
Pontiac	11	141	184 25	.....	131	.....	.....	7
Reed City	3	8	7 66	.....	8	.....	.....	.....
Rockford	7	59	66 73	5	8	.....	6	40
Scottville	4	60	66 65	3	3	.....	22	32
Shelby	3	23	26 90	.....	3	.....	.....	20
Sparta	7	14	13 82	4	10	.....	.....	.....
Zeeland	15	52	53 97	4	48	.....	.....	.....
Total	758	12,732	$12,950 91	714	5,118	334	1,347	5,033

SUMMARY OF CANVASS OF FEMALE WAGE EARNERS.

Number of establishments canvassed	758
Number females employed	12,732
Aggregate daily wages paid	$12,950.91
Average daily wage paid	1.02
Number work by month	714
Number work by week	5,118
Number work by day	334
Number work by the hour	1,347
Number work by the piece	5,033
Average number of hours worked per day	9.2
Average number of days worked per month	26¼
Average number of months worked per year	10¾

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State Inspection of Theaters.

Name of county.	Number buildings inspected.	Number one story high.	Number two stories high.	Number three stories high.	Number having fire escapes.	Number not having fire escapes.	Number heated by steam.	Number heated by hot air.	Number heated by stoves.	Number where plumbing is in good condition.	Number where plumbing is not in good condition.	Number having one stairway.	Number having two or more stairways.	Number where all doors swing outwardly.	Number where all doors do not swing outwardly.
Alger	2	....	2	....	....	2	....	....	2	....	....	....	2	2	....
Allegan	2	1	1	....	1	1	1	....	1	1	....	....	2	2	....
Alpena	4	3	1	....	1	3	2	....	2	2	....	....	1	3	1
Berrien	11	8	3	....	2	9	5	1	5	6	....	....	2	11	....
Branch	1	1	....	....	....	1	....	1	....	....	1	....	1	....	1
Calhoun	2	1	1	....	....	2	....	....	2	....	....	....	1	1	1
Charlevoix	2	1	1	....	1	1	2	....	....	2	....	....	1	2	....
Cheboygan	1	....	1	....	1	....	....	1	....	1	....	....	....	1	....
Crawford	1	....	1	....	....	1	1	....	....	1	....	1	....	1	....
Emmet	6	1	5	....	2	4	3	1	2	3	....	1	3	6	....
Houghton	5	1	2	2	3	2	4	....	1	4	....	....	5	5	1
Iosco	1	....	1	....	....	1	....	....	1	....	....	....	....	1	....
Kent	6	2	1	3	2	4	4	....	2	4	....	1	2	5	....
Luce	2	1	1	....	....	2	1	....	1	1	....	1	1	2	....
Mackinac	3	....	3	....	1	2	1	....	2	1	....	....	1	3	....
Manistee	4	2	2	....	2	2	3	1	....	4	....	....	3	4	....
Marquette	5	....	4	1	2	3	5	....	....	5	....	1	4	5	....
Mason	2	2	....	....	....	2	2	....	....	2	....	....	1	2	....
Midland	1	1	....	....	....	1	....	....	1	....	....	1	....	1	....
Montcalm	1	1	....	....	....	1	....	....	1	....	....	....	....	1	....
Newaygo	1	1	....	....	....	1	1	....	....	1	....	....	....	1	....
Oakland	8	....	4	4	2	6	3	....	5	3	....	....	3	8	....
Oceana	1	1	....	....	....	1	....	....	1	....	....	....	....	....	1
Ontonagon	2	2	....	....	....	2	2	....	....	2	....	....	....	2	....
Presque Isle	1	1	....	....	....	1	....	....	1	....	....	1	....	1	....
St. Joseph	1	....	....	1	....	1	1	....	....	1	....	1	....	1	....
Schoolcraft	3	1	2	....	....	3	1	2	....	....	3	....	....	3	....
Washtenaw	7	4	2	1	3	4	....	4	3	4	....	2	1	7	....
Wayne	3	....	1	2	2	1	2	....	1	2	....	....	2	3	....
Total	89	36	39	14	25	64	44	11	34	51	4	10	36	84	5

SUMMARY OF THEATER INSPECTION.

Whole number of theaters inspected	89
Number one story high	36
Number two stories high	39
Number three stories high	14
Number having fire escapes	25
Number not having fire escapes	64
Number heated by steam	44
Number heated by hot air	11
Number heated by stoves	34
Number where plumbing is in good condition	51
Number where plumbing is not in good condition	4
Number where there is no plumbing	34
Number having one stairway	10
Number having two or more stairways	36
Number not having stairways	43
Number where all doors swing outwardly	84
Number where all doors do not swing outwardly	5

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REPORT OF MICHIGAN FREE EMPLOYMENT BUREAUS FOR THE YEAR BEGINNING DECEMBER, 1912 AND ENDING NOVEMBER, 1913.

Work of Detroit office by months. Males.—Superintendent, T. J. Burns.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Auto mechanics						1	1		1		4	4		5	1	4	4		6	2
Bakers	1	1		1												1	1		1	
Blacksmiths	1	1		1												2	2		2	
Boys	7	7		7		11	11		11		37	37		39	2	33	33		33	
Brick masons						1	1		1							1	1		1	
Cabinet makers	2	2		2		1	1		1							10	10		15	5
Carpenters	26	26		26		11	11		14	3						2	2		3	1
Cement finishers	1	1		1		1	1		1		16	16		19	3	7	7		7	
Cooks																1	1		2	1
Electricians																1	1		1	
Engineers	2	2		2		4	4		4		3	3		4	1	2	2		3	1
Factory helpers	2	2		2		29	29		29		4	4		4		10	10		10	
Farm helpers	6	6		6		5	5		5		2	2		2		14	14		14	
Firemen	5	5		5		8	8		8		10	10		11	1	8	8		8	
Gardeners	1	1		1												1	1		1	
Handy men	283	283		283		260	260		260		155	155		155		234	234		234	
Hostlers	62	62		62		67	67		67		48	48		48		14	14		14	
Hotel helpers	49	49		49		49	49		53	4	66	66		68	2	59	59		59	
Janitors	7	7		7		7	7		7		3	3		3		86	86		86	
Laborers	1,999	1,984	15	1,999	15	895	895		895		497	497		497		572	572		572	

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Lath hands											1	1		1						
Machine hands	9	9		9		14	14		14		20	20		29	9	2	2		2	
Machinists	1	1		1		2	2		2		6	6		22	16	2	2		2	
Millwright						4	4		4							2	2		2	
Molders	8	8		8							1	1		1		3	3		3	
Office helpers						1	1		1							1	1		1	
Painters	5	5		5		5	5		5		14	14		16	2	23	23		23	
Paper hangers						2	2		2		2	2		2		1	1		2	1
Pattern makers						1	1		1		1	1		1						
Plasterers											1	1		1		2	2		2	
Plumbers	2	2		2																
Roofers						5	5		5		1	1		1						
Steam fitters						2	2		2		1	1		1		1	1		1	
Structural iron workers						1	1		2	1	1	1		1						
Tinsmiths						1	1		1		3	3		3		6	6		6	
Woodworkers	2	2		2												3	3		3	
Totals	2,481	2,466	15	2,481	15	1,388	1,388		1,396	8	897	897		934	37	1,098	1,098		1,109	11

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REPORT OF MICHIGAN FREE EMPLOYMENT BUREAUS FOR THE YEAR BEGINNING DECEMBER, 1912 AND ENDING NOVEMBER, 1913.

Work of Detroit office by months. Males.—Superintendent, T. J. Burns.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Auto mechanics	.....	.....	.....	.....	.....	1	1	.....	1	.....	4	4	.....	5	1	4	4	.....	6	2
Bakers	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Blacksmiths	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	2	.....
Boys	7	7	.....	7	.....	11	11	.....	11	.....	37	37	.....	39	2	33	33	.....	38	.....
Brick masons	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Cabinet makers	2	2	.....	2	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	10	10	.....	15	5
Carpenters	26	26	.....	26	.....	11	11	.....	14	3	.....	.....	.....	.....	.....	2	2	.....	3	1
Cement finishers	1	1	.....	1	.....	1	1	.....	1	.....	16	16	.....	19	3	7	7	.....	7	.....
Cooks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	1
Electricians	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Engineers	2	2	.....	2	.....	4	4	.....	4	.....	3	3	.....	4	1	2	2	.....	3	1
Factory helpers	2	2	.....	2	.....	29	29	.....	29	.....	4	4	.....	4	.....	10	10	.....	10	.....
Farm helpers	6	6	.....	6	.....	5	5	.....	5	.....	2	2	.....	2	.....	14	14	.....	14	.....
Firemen	5	5	.....	5	.....	8	8	.....	8	.....	10	10	.....	11	1	8	8	.....	8	.....
Gardeners	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Handy men	283	283	.....	283	.....	260	260	.....	260	.....	155	155	.....	155	.....	234	234	.....	234	.....
Hostlers	62	62	.....	62	.....	67	67	.....	67	.....	48	48	.....	48	.....	14	14	.....	14	.....
Hotel helpers	49	49	.....	49	.....	49	49	.....	53	4	66	66	.....	68	2	59	59	.....	59	.....
Janitors	7	7	.....	7	.....	7	7	.....	7	.....	3	3	.....	3	.....	86	86	.....	86	.....
Laborers	1,999	1,984	15	1,999	15	895	895	.....	895	.....	497	497	.....	497	.....	572	572	.....	572	.....

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Lath hands											1	1		1						
Machine hands	9	9		9		14	14		14		20	20		29	9	2	2		2	
Machinists	1	1		1		2	2		2		6	6		22	16	2	2		2	
Millwright						4	4		4							2	2		2	
Molders	8	8		8							1	1		1		3	3		3	
Office helpers						1	1		1							1	1		1	
Painters	5	5		5		5	5		5		14	14		16	2	23	23		23	
Paper hangers						2	2		2		2	2		2		1	1		2	1
Pattern makers						1	1		1		1	1		1						
Plasterers											1	1		1		2	2		2	
Plumbers	2	2		2																
Roofers						5	5		5		1	1		1						
Steam fitters						2	2		2		1	1		1		1	1		1	
Structural iron workers						1	1		2	1	1	1		1						
Tinsmiths						1	1		1		3	3		3		6	6		6	
Woodworkers	2	2		2												3	3		3	
Totals	2,481	2,466	15	2,481	15	1,388	1,388		1,396	8	897	897		934	37	1,098	1,098		1,109	11

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Work of Detroit office by months.—Females.—Continued.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Agents																1	1		1	
Chambermaids	7	7		7		6	6		6		8	8		8		7	7		7	
Cooks	13	13		13		12	12		15	3	9	9		13	4	12	12		14	2
Dishwashers	30	30		30		16	16		20	4	48	48		53	5	66	66		72	6
Domestics	53	53		65	12	50	50		91	41	29	29		59	30	55	55		99	44
Factory helpers	20	20		24	4	8	8		8							2	2		2	
Housekeepers	7	7		7		3	3		6	3	8	8		9	1	1	1		2	1
Janitresses	1	1		1												1	1		1	
Kitchen women	12	12		12		36	36		36		19	19		24	5	27	27		32	5
Laundresses	192	192		192		323	323		323		130	130		130		179	179		179	
Laundry girls																4	4		4	
Laundry workers	1	1		5	4															
Nurses						1	1		1							1	1		1	
Nurse girls	2	2		2		4	4		4											
Office girls	1	1		1		2	2		2		1	1		1		9	9		9	
Pantry girls	3	3		3		3	3		3							1	1		1	
Saleslades	3	3		3																
Stenographers	1	1		1																
Waitresses	27	27		30	3	30	30		32	2	11	11		15	4	17	17		22	5
Totals	373	373		396	23	494	494		547	53	263	263		312	49	383	383		446	63

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Work of Detroit office by months.—Males.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Agents	6	6	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Auto mechanics	10	10	.....	10	.....	1	1	.....	1	.....	2	2	.....	2	.....	.....	.....	.....	.....	.....
Bakers	.....	.....	.....	.....	.....	2	2	.....	2	.....	1	1	.....	1	.....	2	2	.....	2	.....
Blacksmiths	.....	.....	.....	.....	.....	2	2	.....	3	1	2	2	.....	3	1	3	3	.....	3	.....
Boiler makers	.....	.....	.....	.....	.....	2	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Boys	24	24	.....	31	7	23	23	.....	23	.....	10	10	.....	10	.....	9	9	.....	9	.....
Brass finishers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	.....	3	.....	17	17	.....	17	.....
Brick masons	.....	.....	.....	.....	.....	1	1	.....	1	.....	5	5	.....	7	2	6	6	.....	6	.....
Butchers	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cabinet makers	2	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carpenters	22	22	.....	26	4	21	21	.....	23	2	19	19	.....	24	5	70	70	.....	70	.....
Cement finishers	10	10	.....	10	.....	.....	.....	.....	.....	.....	2	2	.....	2	.....	26	26	.....	26	.....
Cooks	9	9	.....	11	2	10	10	.....	10	.....	5	5	.....	5	.....	9	9	.....	9	.....
Deck hands	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	75	75	.....	75	.....
Electricians	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	3	3	.....	3	.....
Engineers	3	3	.....	3	.....	.....	.....	.....	.....	.....	4	4	.....	4	.....	10	10	.....	10	.....
Factory helpers	21	21	.....	21	.....	26	26	.....	26	.....	24	24	.....	24	.....	4	4	.....	4	.....
Farm helpers	11	11	.....	24	13	15	15	.....	18	3	18	18	.....	25	7	55	55	.....	55	.....
Firemen	7	7	.....	7	.....	4	4	.....	4	.....	5	5	.....	5	.....	4	4	.....	4	.....
Gardeners	28	28	.....	30	2	15	15	.....	15	.....	7	7	.....	7	.....	6	6	.....	6	.....
Handy men	607	607	.....	607	.....	381	381	.....	387	6	182	182	.....	182	.....	345	345	.....	345	.....
Hostlers	84	84	.....	87	3	36	36	.....	36	.....	49	49	.....	53	4	33	33	.....	33	.....
Hotel helpers	99	99	.....	111	12	54	54	.....	54	.....	60	60	.....	60	.....	75	75	.....	75	.....
Janitors	11	11	.....	11	.....	13	13	.....	13	.....	4	4	.....	4	.....	27	27	.....	27	.....
Laborers	1,057	1,057	.....	1,185	128	961	961	.....	986	25	877	877	.....	920	43	323	323	.....	323	.....

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Work of Detroit office by months.—Males.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Lathers											7	7		7		3	3		3	
Machine hands	17	17		17		23	23		23		17	17		17						
Machinists	6	6		6		3	3		3		5	5		5		5	5		5	
Millwrights	1	1		1																
Molders						3	3		3		2	2		2		1	1		1	
Office help						2	2		2											
Painters	48	48		52	4	16	16		16		15	15		18	3	4	4		4	
Paper hangers	4	4		4							1	1		2	1					
Plasterers	1	1		1		8	8		8		2	2		2		5	5		5	
Plumbers	2	2		2		1	1		1											
Polishers	3	3		3																
Roofers	1	1		2	1						8	8		8		7	7		7	
Steam fitters	5	5		5							2	2		2		125	125		125	
Tinsmiths	6	6		7	1	3	3		3		3	3		5	2	2	2		2	
Woodworkers						2	2		2		2	2		2		1	1		1	
Totals	2,106	2,106		2,283	177	1,629	1,629		1,666	37	1,344	1,344		1,412	68	1,255	1,255		1,255	

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Work of Detroit office by months.—Females.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Agents	1	1	.....	5	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chambermaids	9	9	.....	12	3	3	3	.....	3	.....	2	2	.....	4	2	22	22	.....	22	.....
Cooks	14	14	.....	19	5	10	10	.....	12	2	14	14	.....	14	.....	16	16	.....	16	.....
Dishwashers	63	63	.....	72	9	75	75	.....	78	3	45	45	.....	59	14	6	6	.....	6	.....
Domestics	32	32	.....	78	46	56	56	.....	75	19	35	35	.....	75	40	50	50	.....	59	9
Factory helpers	20	20	.....	25	5	2	2	.....	10	8	7	7	.....	7	.....	23	23	.....	23	.....
Housekeepers	5	5	.....	5	.....	4	4	.....	6	2	2	2	.....	2	.....	4	4	.....	4	.....
Janitresses	1	1	.....	1	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kitchen women	33	33	.....	54	21	13	13	.....	13	.....	13	13	.....	18	5	43	43	.....	43	.....
Laundresses	385	385	.....	385	.....	363	363	.....	363	.....	240	240	.....	240	.....	166	166	.....	166	.....
Office helpers	5	5	.....	5	.....	1	1	.....	1	.....	2	2	.....	2	.....	.....	.....	.....	.....	.....
Pantry girls	5	5	.....	6	1	1	1	.....	5	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Saleslades	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....
Waitresses	8	8	.....	12	4	.....	.....	.....	.....	.....	12	12	.....	18	6	19	19	.....	19	.....
Totals	582	582	.....	680	98	529	529	.....	567	38	373	373	.....	440	67	349	349	.....	358	9

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Work of Detroit office by months.—Males.—Continued.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Assembler											6	6		6						
Ajax setter																2	2		2	
Barn men	2	2		2							3	3		3		5	5		5	
Barn tender																1	1		1	
Bearing scraper																2	2		2	
Bench hand											4	4		4						
Blacksmiths	3	3		3							4	4		4		1	1		1	
Blacksmith helpers						2	2		2											
Body fitters																1	1		1	
Boiler makers	2	2		2																
Boiler operator																				
Boys	11	11		11		3	3		3		40	40		40		16	16		16	
Brick layer																7	7		7	
Cabinet makers																4	4		4	
Carpenters	43	43		43		30	30		31	1	48	48		48		48	48		48	
Castings clipper											1	1		1						
Cement finishers	6	6		6		1	1		1		2	2		2		4	4		4	
Choreman																1	1		1	
Clerk											4	4		4						
Concrete men											4	4		4						
Cooks	29	29		36	7	9	9		10	1	15	15		15		15	15		15	
Crane operators																10	10		10	
Cutters											1	1		1						
Dairymen	1	1		1							1	1		1						
Deck hand																5	5		5	

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Decorators	1	1		1												4	4		4	
Die makers	2	2		2												2	2		2	
Die sinkers											1	1		1		12	12		12	
Dishwashers	23	23		23		22	22		22		9	9		9		5	5		5	
Drill press operators						2	2		2		2	2		2						
Electricians	3	3		3		2	2		2		10	10		10		4	4		4	
Elevator men	1	1		1		1	1		1		1	1		1		2	2		2	
Engineers	7	7		7		4	4		4		4	4		4		4	4		4	
Factory help	2	2		2																
Farm hands	25	25		25		73	73		73		68	68		68		28	28		28	
Final assembler																3	3		3	
Fireman	2	2		2		2	2		2		5	5		5		4	4		4	
Gardeners	2	2		2												2	2		2	
Grinders											23	23		23		16	16		16	
Handy men	264	264		265	1	278	278		278		293	293		293		262	262		262	
Hod carriers											27	27		27						
Hostlers	11	11		11																
House men						7	7		7											
Hotel helpers	10	10		10																
Inspectors											6	6		6		2	2		2	
Job setters											2	2		2		1	1		1	
Janitors	8	8		8		2	2		2		53	53		53		5	5		5	
Laborers	283	283		283		561	561		563	2	502	502		502		5	5		5	
Lath hands	1	1		1							8	8		8		400	400		400	
Machinists	4	4		4																
Machine hands	11	11		11		1	1		1							1	1		1	
Machine repair men																15	15		15	
Masons											2	2		2		5	5		5	
Mason tenders	1	1		5	4															
Millwrights	1	1		1												4	4		4	
Molders	2	2		2																
Motor testers											4	4		4						
Mortar mixers											7	7		7						
Painters	16	16		16		6	6		6		16	16		16		2	2		2	
Paper hangers	1	1		1												3	3		3	
Parers											5	5		5		2	2		2	
Plasterers	3	3		3		1	1		1		5	5		5		5	5		5	
Plumbers											25	25		25		2	2		2	
Plumbers' helpers						1	1		1											
Polishers	2	2		2																
Porters	34	34		34		31	31		31		16	16		16		3	3		3	
Printers						1	1		1											
Punch press men																4	4		4	
Roofers	1	1		1							2	2		2		3	3		3	
Screw machine men											8	8		8		38	38		38	

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Work of Detroit office by months.—Males.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Sheet metal workers																19	19		19	
Steam fitters	3	3		3												23	23		23	
Steam fitters' helpers						10	10		10		5	5		5						
Stock clerk											2	2		2						
Stock room men						1	1		1		2	2		2						
Teamsters						38	38		38		33	33		33						
Tenders											1	1		1						
Testers											2	2		2		9	9		9	
Tinners						1	1		1		1	1		1		5	5		5	
Tool makers											3	3		3		3	3		3	
Waiters	9	9		9		7	7		7		7	7		7						
Warehouse men	1	1		1																
Watchmen	1	1		1		8	8		8		7	7		7		4	4		4	
Woodworkers											1	1		1		1	1		1	
Yard men											2	2		2						
Totals	832	832		844	12	1,105	1,105		1,109	4	1,302	1,302		1,302		1,034	1,034		1,034	

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Work of Detroit office by months.—Females.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Chambermaids	8	8	.....	8	.....	12	12	.....	12	.....	15	15	.....	16	1	7	7	.....	9	2
Cooks	6	6	.....	6	.....	9	9	.....	10	1	7	7	.....	7	.....	12	12	.....	12	.....
Counter girls	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Demonstrators	.....	.....	.....	.....	.....	1	1	.....	1	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....
Dining room girls	1	1	.....	1	.....	4	4	.....	5	1	3	3	.....	6	3	3	3	.....	4	1
Dishwashers	23	23	.....	23	.....	25	25	.....	25	.....	18	18	.....	18	.....	20	20	.....	20	.....
Domestics	76	76	.....	82	6	46	46	.....	69	23	100	100	.....	106	6	38	38	.....	43	5
Factory help	.....	.....	.....	.....	.....	14	14	.....	14	.....	5	5	.....	5	.....	.....	.....	.....	.....	.....
Forelady	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Janitresses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	.....	4	.....
Kitchen girls	.....	.....	.....	.....	.....	24	24	.....	24	.....	74	74	.....	74	.....	103	103	.....	104	1
Laundresses	3	3	.....	3	.....	228	228	.....	228	.....	107	107	.....	107	.....	62	62	.....	63	1
Telephone girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Waitresses	.....	.....	.....	.....	.....	4	4	.....	4	.....	14	14	.....	14	.....	9	9	.....	11	2
Totals	118	118	.....	124	6	367	367	.....	392	25	344	344	.....	354	10	260	260	.....	272	12

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Summary of the Detroit office for the year.

Months.	Males.					Females.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
December, 1912	2,481	2,466	15	2,481	15	373	373	.....	396	23
January, 1913	1,388	1,388	.....	1,396	8	494	494	.....	547	53
February	897	897	.....	934	37	263	263	.....	312	49
March	1,098	1,098	.....	1,109	11	383	383	.....	446	63
April	2,106	2,106	.....	2,283	177	582	582	.....	680	98
May	1,629	1,629	.....	1,666	37	529	529	.....	567	38
June	1,344	1,344	.....	1,412	68	373	373	.....	440	67
July	1,255	1,255	.....	1,255	.....	349	349	.....	358	9
August	832	832	.....	844	12	118	118	.....	124	6
September	1,105	1,105	.....	1,109	4	367	367	.....	392	25
October	1,302	1,302	.....	1,302	.....	344	344	.....	354	10
November	1,034	1,034	.....	1,034	.....	260	260	.....	272	12
Totals for year	16,471	16,456	15	16,825	369	4,435	4,435	.....	4,888	453
Previously reported	126,533	121,638	4,895	131,560	9,922	26,314	25,629	685	33,176	7,547
Grand totals	143,004	138,094	4,910	148,385	10,291	30,749	30,064	685	38,064	8,000

RECAPITULATION.

Character of positions.	Work of Detroit office for year ending November 30, 1913.					Work of Detroit office June 12, 1909, to November 30, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
Males	16,471	16,456	15	16,825	369	143,004	138,094	4,910	148,385	10,291
Females	4,435	4,435	.....	4,888	453	30,749	30,064	685	38,064	8,000
Totals	20,906	20,891	15	21,713	822	173,753	168,158	5,595	186,449	18,291

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Work of Grand Rapids office by months.—Males.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Agents	9	9	.....	15	6	20	12	8	12	.....	3	3	.....	6	3	.....	.....	.....	.....	.....
Apprentices	.....	.....	.....	.....	.....	4	1	3	1	.....	5	2	3	2	.....	5	5	.....	8	3
Attendants	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bakers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	1	2	1	1	1	.....
Band sawyers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	.....	5	2	2	2	.....	3	1
Barn men	.....	.....	.....	.....	.....	3	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bell boys	3	1	2	1	.....	5	1	4	1	.....	.....	.....	.....	.....	.....	2	2	.....	4	2
Blacksmith	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	.....	7	3
Bookkeepers	.....	.....	.....	.....	.....	2	2	.....	2	.....	.....	.....	.....	.....	.....	3	1	2	1	.....
Bore machine hands	.....	.....	.....	.....	.....	3	3	.....	4	1	4	2	2	2	.....	10	9	1	9	.....
Buffers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	.....	3	.....
Cabinet makers	23	23	.....	25	2	12	11	1	11	.....	13	10	3	10	.....	17	17	.....	21	4
Cabinet makers' helpers	.....	.....	.....	.....	.....	9	9	.....	10	1	5	5	.....	7	2	3	3	.....	4	1
Canvassers	.....	.....	.....	.....	.....	1	1	.....	7	6	3	3	.....	7	4	.....	.....	.....	.....	.....
Carpenters	7	4	3	4	.....	7	4	3	4	.....	7	2	5	2	.....	15	12	3	12	.....
Chairmakers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	3	2	2	2	.....	3	1
Coachmen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	1	.....	.....	.....	.....	.....
Cooks	.....	.....	.....	.....	.....	4	1	3	1	.....	.....	.....	.....	.....	.....	3	1	2	1	.....
Craters	5	3	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	14	2	14	.....
Day workers	4	4	.....	6	2	14	14	.....	14	.....	18	14	4	14	.....	9	8	1	8	.....
Delivery workers	5	1	4	1	.....	3	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Distributors	3	3	.....	5	2	3	2	1	2	.....	.....	.....	.....	.....	.....	4	4	.....	6	2
Drill press hands	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	1	4	1	.....	.....	.....	.....	.....	.....
Drivers	8	6	2	6	.....	5	3	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Engineers	.....	.....	.....	.....	.....	3	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

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Work of Grand Rapids office by months.—Males.—Continued.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Errand boys						2	2		2							1	1		6	5
Farm hands	83	83		85	2	48	48		51	3	63	63		68	5	109	109		115	6
Fillers											6	4	2	4						
Finishers	6	4	2	4												6	6		8	2
Firemen	5	2	3	2		11	9	2	9		6	2	4	2						
Gardeners																8	6	2	6	
Gluers	3	1	2	1		9	9		10	1	12	11	1	11		14	14		17	3
Janitors	4	2	2	2																
Laborers	516	516		521	5	720	713	7	713		600	591	9	591		612	612		620	8
Lathe hands	3	3		3							1	1		3	2	3	3		5	2
Luggers																5	2	3	2	
Machine tenders	4	4		7	3	17	17		20	3	6	3	3	3		5	5		12	7
Machinists	4	4		6	2	7	3	4	3		9	7	2	7		8	8		12	4
Machine men	9	8	1	9		5	4	1	4		5	4	1	4		12	12		18	6
Masons	1	1		10	9	1	1		8	7										
Mason tenders																4	3	1	3	
Messenger boys						2	2		10	8						3	3		5	2
Millwrights	6	5	1	5												4	2	2	2	
Miter sawyers	6	6		7	1	5	5		7	2	6	6		8	2	10	10		13	3
Molders	1	1		3	2						3	3		8	5					
Packers	11	11		11							6	4	2	4		6	3	3	3	
Painters	3	1	2	1		6	2	4	2							6	4	2	4	
Paper hangers	3	3		4	1															
Planers	3	2	1	2		6	5	1	5		7	6	1	6		15	15		16	1
Porters						4	2	2	2		5	2	3	2		10	8	2	8	

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Press feeders						1	1		1											
Printers	1	1		1																
Punch press feeders						4	1	3	1		5	1	4	1						
Reed workers																1	1		1	
Rip sawyers						3	2	1	2		3	2	1	2		24	24		25	1
Rubber polishers	32	32		32		4	3	1	3							14	14		16	2
Salesmen	3	1	2	1																
Sanders	2	1	1	1		10	8	2	8		4	3	1	3		15	12	3	12	
Shaper hands	7	7		8	1	1	1		3	2	8	6	2	6		5	5		6	1
Shipping hands						5	2	3	2		4	1	3	1		4	2	2	2	
Solicitors	7	7		11	4	28	28		30	2	15	15		18	3	5	5		10	5
Stenographers						1	1		1											
Sticker hands	5	3	2	3		3	2	1	2		2	2		3	1	3	3		5	2
Stock hands																				
Stock cutters						2	1	1	1											
Stock keepers																5	3	2	3	
Teamsters	8	7	1	7							4	2	2	2		6	3	3	3	
Tinners																1	1		6	5
Tool makers																1	1		3	2
Trimmers	3	3		6	3	7	5	2	5		7	7		9	2	13	13		14	1
Truckers	8	8		10	2						3	1	2	1		3	3		5	2
Upholsterers	3	3		7	4	4	3	1	3		6	4	2	4						
Varnishers	5	2	3	2		3	3		5	2	6	6		8	2	9	9		10	1
Veneer men						6	6		7	1	2	2		3	1	6	6		8	2
Waiters	2	1	1	1																
Waitresses																3	1	2	1	
Watchmen	4	2	2	2																
Wood cutters	2	2		4	2	12	12		20	8	4	4		7	3	3	3		23	20
Wood turners						3	2	1	2		2	2		4	2					
Yardmen											1	1		2	1					
Totals	831	792	39	845	53	1,038	970	68	1,017	47	880	814	66	858	44	1,062	1,023	39	1,133	110

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Work of Grand Rapids office by months.—Females.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Chambermaids																3	2	1	2	
Cooks	2	2		4	2	2	2		4	2	6	6		9	3	3	3		5	2
Day women	9	9		9		8	8		8		4	4		4		5	5		5	
Domestics	25	25		35	10	41	41		50	9	20	20		35	15	26	26		38	12
Factory girls	9	9		11	2	16	16		20	4	10	10		13	3	15	15		18	3
Housekeepers	10	7	3	7		8	6	2	6		9	6	3	6		14	12	2	12	
Janitresses						2	2		4	2										
Kitchen women	8	6	2	6		23	23		26	3	42	42		44	2	15	15		26	11
Maid						1	1		1											
Nurses						3	2	1	2											
Nurse maids																2	2		3	1
Office girls						4	1	3	1											
Pantry girls						3	2	1	2											
Seamstresses	2	2		2		2	2		2		5	2	3	2						
Stenographers						4	1	3	1											
Waitresses	4	4		7	3						4	4		8	4	7	7		10	3
Totals	69	64	5	81	17	117	107	10	127	20	100	94	6	121	27	90	87	3	119	32

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Work of Grand Rapids office by months.—Males.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Agents	3	3		12	9	2	2		4	2										
Apprentices	4	4		7	3	4	4		10	6	8	2	6	2						
Assemblers						5	2	3	2											
Band sawyers	3	3		8	5	5	5		7	2						4	4		4	
Bell boys	4	2	2	2		6	6		7	1	3	1	2	1						
Blacksmiths	3	2	1	2												4	4		4	
Boiler makers						4	1	3	1											
Bore machine men	10	10		12	2	7	7		8	1	6	4	2	4						
Buffers	10	8	2	8																
Cabinet makers	16	16		21	5	16	16		27	11	27	27		32	5	13	13		13	
Cabinet makers' helpers	3	3		6	3						7	7		14	7					
Carpenters	7	4	3	4		6	3	3	3		15	10	5	10						
Chair makers	1	1		1																
Clerks						4	4		4											
Coachmen						1	1		2	1										
Cooks											5	2	3	2		12	12		12	
Craters	3	3		5	2															
Day workers	53	53		57	4	46	46		46		51	51		51						
Drill press hands	3	3		5	2	7	3	4	3											
Distributors						7	7		8	1										
Drivers						5	3	2	3		10	10		12	2					
Elevator men	4	2	2	2		7	3	4	3											
Engineers	3	1	2	1							5	3	2	3						
Farm hands	88	88		95	7	81			95	14	91	91		103	12	67	67		67	
Firemen	3	3		3		8	183	5	3							4	4		4	

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Work of Grand Rapids office by months.—Males.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Fillers	7	6	1	6		2	2		4	2	6	6		8	2					
Finishers	8	8		10	2	4	4		5	1	12	12		16	4	3	3		3	
Furniture rubbers																28	28		28	
Gardeners	5	3	2	3		6	2	4	2		3	3		4	1	3	3		3	
Gluers	13	13		14	1	4	4		6	2	2	2		5	3					
Janitors	8	6	2	6		5	2	3	2		4	2	2	2		3	3		3	
Laborers	622	622		622		713	713		713		610	610		610		350	350		350	
Lathe hands	4	4		7	3	3	3		3											
Luggers	3	3		7	4	7	7		10	3						5	5		5	
Lumber inspectors	1	1		1																
Machinists	15	15		20	5	36	28	8	28		20	12	8	12						
Machine men	4	4		8	4	8	8		12	4	7	7		9	2					
Machinists' helpers						4	4		9	5	2	2		2		20	20		20	
Machine tenders	16	16		23	7	11	11		20	9	26	21	5	21						
Messenger boys	1	1		5	4	2	2		7	5	6	6		8	2					
Metal polishers	4	4		5	1	5	4	1	4							5	5		5	
Miter sawyers	3	3		8	5	5	5		8	3	7	7		10	3	2	2		2	
Moulders											7	7		11	4	3	3		3	
Nailers	1	1		3	2															
Painters	5	4	1	4												5	5		5	
Packers	6	4	2	4		3	3		6	3	14	14		15	1	15	15		15	
Panwashers	2	1	1	1																
Planers	3	3		6	3	8	6	2	6		3	3		4	1	8	8		8	
Punch press men						8	2	6	2		5	3	2	3						
Porters	5	5		7	2	13	8	5	8		11	8	3	8						

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Rip sawyers	14	14	.....	16	2	12	12	.....	14	2	7	7	.....	9	2	13	13	.....	13	.....
Roofers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	8	.....	12	4	.....	.....	.....	.....	.....
Rubbers and polishers	6	6	.....	8	2	7	3	4	3	.....	4	4	.....	9	5	.....	.....	.....	.....	.....
Sanders	1	1	.....	2	1	8	8	.....	17	9	8	8	.....	10	2	6	6	.....	6	.....
Solicitors	5	5	.....	7	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shaper men	.....	.....	.....	.....	.....	2	2	.....	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sheet metal workers	1	1	.....	7	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Shellackers	.....	.....	.....	.....	.....	10	8	2	8	.....	10	10	.....	12	2	.....	.....	.....	.....	.....
Spindle carvers	.....	.....	.....	.....	.....	3	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stainers	8	6	2	6	.....	2	2	.....	4	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Steam fitters	5	2	3	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stock cutters	3	3	.....	6	3	2	2	.....	3	1	8	5	3	5	.....	.....	.....	.....	.....	.....
Stickers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	5	.....	5	.....
Sweepers	5	3	2	3	.....	7	2	5	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Teamsters	16	15	1	15	.....	12	4	8	4	.....	6	2	4	2	.....	31	31	.....	31	.....
Tinners	1	1	.....	2	1	3	3	.....	5	2	3	3	.....	5	2	3	3	.....	3	.....
Trimmers	7	7	.....	11	4	3	3	.....	7	4	4	4	.....	7	3	8	8	.....	8	.....
Truckers	9	9	.....	12	3	8	8	.....	13	5	6	6	.....	6	.....	.....	.....	.....	.....	.....
Upholsterers	1	1	.....	7	6	2	2	.....	5	3	3	3	1	2	1	.....	.....	.....	.....	.....
Varnishers	4	4	.....	7	3	7	3	4	3	.....	14	13	1	13	.....	5	5	.....	5	.....
Veneer men	10	10	.....	12	2	2	2	.....	6	4	6	4	2	4	.....	.....	.....	.....	.....	.....
Waiters	5	5	.....	6	1	3	3	.....	5	2	2	2	.....	6	4	2	2	.....	2	.....
Watchmen	6	3	3	3	.....	.....	.....	.....	.....	.....	6	3	3	3	.....	2	2	.....	2	.....
Woodsmen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	21	21	.....	21	.....
Woodturners	1	1	.....	4	3	1	1	.....	4	3	2	2	.....	3	1	.....	.....	.....	.....	.....
Yardmen	2	2	.....	2	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....
Totals	1,067	1,035	32	1,159	124	1,162	1,084	78	1,198	114	1,071	1,016	55	1,090	74	650	650	.....	650	.....

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Work of Grand Rapids office by months.—Females.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Chambermaids	10	8	2	8	.....	5	1	4	1	.....	9	2	7	2	.....	3	3	.....	3	.....
Clerks	.....	.....	.....	.....	.....	13	9	4	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cooks	4	4	.....	7	3	5	9	.....	9	4	3	3	.....	11	8	2	2	.....	2	.....
Day women	45	45	.....	45	.....	35	35	.....	35	.....	43	43	.....	43	.....	41	41	.....	41	.....
Dishwashers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Domestics	14	14	.....	40	26	11	11	.....	46	35	13	13	.....	34	21	15	15	.....	15	.....
Factory girls	4	4	.....	14	10	10	10	.....	19	9	10	10	.....	15	5	5	5	.....	5	.....
Hall girls	4	4	.....	6	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Housekeepers	8	4	4	4	.....	9	7	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kitchen women	10	10	.....	14	4	15	15	.....	20	5	15	15	.....	21	6	18	18	.....	18	.....
Laundresses	2	2	.....	4	2	6	6	.....	6	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Nurses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	2	.....	.....	.....	.....	.....	.....
Seamstresses	4	1	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waitresses	9	9	.....	13	4	10	10	.....	26	16	18	18	.....	30	12	3	3	.....	3	.....
Totals	114	105	9	156	51	119	109	10	178	69	113	106	7	158	52	90	90	.....	90	.....

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Work of Grand Rapids office by months.—Males.—Continued.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Bandsawyers																13	6	7	7	1
Bell boys	12	3	9	3																
Belt sanders	8	5	3	6	1	4	2	2	2											
Bench molders	2	2		2												4	2	2	5	3
Bench hands						1	1		1											
Bill clerks						1		1												
Blacksmiths	1	1		1		1		1												
Boy helpers	3	3		3																
Boy machine tenders											15	15		15						
Bowling alley boys											5	5		5						
Buss boys	4	4		4																
Brass filers						1	1		1											
Butchers																7	6	1	6	
Buss planers																3	3		3	
Cabinet makers	13	8	5	8		11	8	3	8		35	26	9	31	5	30	9	21	9	
Carpenters	3	3		3		6	6		6		15	2	13	2		64	9	55	9	
Chefs											7		7			2		2		
Clerical positions	1		1	1	1															
Clothes presser											1	1		1						
Clerk	1	1		1		2	2		2		10	5	5	5						
Collector	1		1	1	1						3		3			4		4		
Core maker						1	1		1											
Cooks											3	3		3		12	1	11	6	5
Craters	3	3		9	6	7	6	1	6		11	7	4	7						
Delivery men																6	1	5	1	

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Work of Grand Rapids office by months.—Females.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Chambermaids	10	8	2	8	.....	5	1	4	1	.....	9	2	7	2	.....	3	3	.....	3	.....
Clerks	.....	.....	.....	.....	.....	13	9	4	9	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cooks	4	4	.....	7	3	5	9	.....	9	4	3	3	.....	11	8	2	2	.....	2	.....
Day women	45	45	.....	45	.....	35	35	.....	35	.....	43	43	.....	43	.....	41	41	.....	41	.....
Dishwashers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Domestics	14	14	.....	40	26	11	11	.....	46	35	13	13	.....	34	21	15	15	.....	15	.....
Factory girls	4	4	.....	14	10	10	10	.....	19	9	10	10	.....	15	5	5	5	.....	5	.....
Hall girls	4	4	.....	6	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Housekeepers	8	4	4	4	.....	9	7	2	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kitchen women	10	10	.....	14	4	15	15	.....	20	5	15	15	.....	21	6	18	18	.....	18	.....
Laundresses	2	2	.....	4	2	6	6	.....	6	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Nurses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	2	.....	.....	.....	.....	.....	.....
Seamstresses	4	1	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Waitresses	9	9	.....	13	4	10	10	.....	26	16	18	18	.....	30	12	3	3	.....	3	.....
Totals	114	105	9	156	51	119	109	10	178	69	113	106	7	158	52	90	90	.....	90	.....

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Work of Grand Rapids office by months.—Males.—Continued.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Bandsawyers																13	6	7	7	1
Bell boys	12	3	9	3																
Belt sanders	8	5	3	6	1	4	2	2	2											
Bench molders	2	2		2												4	2	2	5	3
Bench hands						1	1		1											
Bill clerks						1		1												
Blacksmiths	1	1		1		1		1												
Boy helpers	3	3		3																
Boy machine tenders											15	15		15						
Bowling alley boys											5	5		5						
Buss boys	4	4		4																
Brass filers						1	1		1											
Butchers																7	6	1	6	
Buss planers																3	3		3	
Cabinet makers	13	8	5	8		11	8	3	8		35	26	9	31	5	30	9	21	9	
Carpenters	3	3		3		6	6		6		15	2	13	2		64	9	55	9	
Chefs											7		7			2		2		
Clerical positions	1		1	1	1															
Clothes presser											1	1		1						
Clerk	1	1		1		2	2		2		10	5	5	5						
Collector	1		1	1	1						3		3			4		4		
Core maker						1	1		1											
Cooks											3	3		3		12	1	11	6	5
Craters	3	3		9	6	7	6	1	6		11	7	4	7						
Delivery men																6	1	5	1	

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Work of Grand Rapids office by months.—Males.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Demonstrators	1	1		1		1	1		1											
Dishwashers	6	4	2	4							2	2		2						
Drill press hands																4	1	3	1	
Drum sanders	3	3		3							3	3		3						
Elevator boys	3	1	2	1																
Electricians	1		1	1	1															
Engineers				1	1	1		1			2	2		2						
Farm hands	45	28	17	29	1	119	85	34	85		64	52	12	61	9	17	9	8	13	4
Fillers						2	2		2											
Finishers	4	2	2	2		5	5		5		4	4		4		20	6	14	6	
Firemen	8	3	5	3																
Floor molders																3	3		3	
Foreman lumber yard	1		1	1	1															
Foreman store	1		1	1	1															
Gardeners	6	4	2	4		4	4		5	1										
Gluers											1	1		1						
Janitors	5		5	5	5	2	2		3	1	1		1			10		10		
Joint gluers	7	5	2	5																
Kitchen help	7	5	2	5																
Laborers	435	372	63	389	17	593	533	60	533		848	481	367	502	21	427	181	246	192	11
Machine hands	9	7	2	7		21	21		24	3	25	8	17	8						
Masons						1		1								8	2	6	5	3
Messengers											3	3		3		20	6	14	6	
Metal polishers	2	2		2		2	2		2											
Messenger boys						2	2		2											

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Miter sawyers	1	1		1		3	3		3		3	3		3						
Moulders				7	7	8		8												
Nightwatch	5	2	3	2		1	1		3	2	2		2			3		3		
Office men											4	4		4		10	1	9	1	
Office boys	7	3	4	3							9	9		9						
Painters	2	2		2																
Packers											20	12	8	12		13	9	4	9	
Planers	3	3		3																
Plasterers																5	5		9	4
Porters	8	5	3	7	2	7	6	1	7	1	5	5		5		10	8	2	10	2
Pressman	1	1		1																
Punch press men						1	1		1											
Rip sawyers	2	2		2		2	2		2		6	6		6		9	4	5	4	
Rubbers	3	3		6	3	8	8		10	2	26	15	11	18	3					
Sand paperers						1	1		1											
Second cook											8	6	2	6						
Section hands						2	2		2											
Shellackers	2	2		2		3	3		3		4	4		4						
Shipping clerk	3	2	1	2																
Shapers						1	1		1											
Shaper hands																3	3		3	
Solicitors	9	5	4	7	2	1		1								16	8	8	8	
Soda fountain boys											2	2		2						
Spindle carvers				1	1	1		1								2		2		
Stainers											5	5		5						
Steam fitters											10	7	3	7						
Stock room boys											3	3		3						
Sweepers	3	3		3																
Teamsters	74	53	21	53		42	39	3	40	1	76	49	27	51	2	62	29	33	33	4
Trimmers											5	5		5						
Upholsterers											1	1		4	3	3	1	2	1	
Ushers											3	3		3		3		3		
Varnishers						3	3		3							15	1	14	7	6
Veneermen						2	2		2		2	2		2						
Waiters	8	5	3	15	10	5	5		6	1	4	4		4		4	1	3	3	2
Welders																1	1		1	
Woodmen	12	12		18	6															
Woodturners						2	2		2							5	1	4	2	1
Totals	739	574	165	641	67	881	763	118	775	12	1,256	765	491	811	46	818	317	501	363	46

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Work of Grand Rapids office by months.—Females.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Cashiers						2	2		3	1										
Chambermaids	1	1		2	1	7	5	2	5		6	4	2	4		18	2	16	10	8
Clerks						3	3		3											
Cooks	1	1		6	5	8	3	5	7	4	5	3	2	3		7	1	6	3	2
Day workers	124	83	41	86	3	122	109	13	109		99	68	31	68		84	34	50	42	8
Dining room girls	12	7	5	22	15	19	6	13	6		13	8	5	8						
Dishwashers	1	1		2	1	5	3	2	3		5	5		6	1	10	4	6	6	2
Domestics	29	20	9	34	14	41	29	12	29		49	32	17	32		97	51	46	56	5
Dressmakers						1	1		1											
Factory girls	1	1		9	8	15	7	8	7		30	18	12	18		30	11	19	12	1
Hall maid						2	1	1	1							1	1		1	
Housekeepers	10	2	8	11	9	8	4	4	4		9	5	4	5		15	3	12	5	2
Kitchen girls	1	1		2	1	2	2		2		4	3	1	3		3	1	2	1	
Laundresses						4	4		4					1	1	5		5		
Nurses	1		1	2	2											2	1	1	1	
Office help						1	1		1											
Solicitors																12	3	9	3	
Stenographers									1	1										
Waitresses	4	3	1	11	8						3	2	1	2		9	1	8	4	3
Totals	185	120	65	187	67	240	180	60	186	6	223	148	75	150	2	293	113	180	144	31

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Summary of the work of the Grand Rapids office for the year.

Months.	Males.					Females.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
December, 1912	831	792	39	845	53	69	64	5	81	17
January, 1913	1,038	970	68	1,017	47	117	107	10	127	20
February	880	814	66	858	44	100	94	6	121	27
March	1,062	1,023	39	1,033	10	90	87	3	119	32
April	1,067	1,035	32	1,159	124	114	105	9	156	51
May	1,162	1,084	78	1,198	114	119	109	10	178	69
June	1,071	1,016	55	1,090	74	113	106	7	158	52
July	650	650	.....	650	.....	90	90	.....	90	.....
August	739	574	165	641	67	185	120	65	187	67
September	881	763	118	775	12	240	180	60	186	6
October	1,356	765	491	811	46	223	148	75	150	2
November	818	317	501	363	46	293	113	180	144	31
Totals for year	11,455	9,803	1,652	10,440	637	1,753	1,323	430	1,697	374
Previously reported	45,258	33,328	11,930	39,010	5,682	16,445	13,369	3,076	18,361	4,992
Grand totals	56,713	43,131	13,582	49,450	6,319	18,198	14,692	3,506	20,058	5,366

RECAPITULATION.

Character of positions.	Work of Grand Rapids office for year ending November 30, 1913.					Work of Grand Rapids office July 1, 1905, to November 30, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
Males	11,455	9,803	1,652	10,440	637	56,713	43,131	13,582	49,450	6,319
Females	1,753	1,323	430	1,697	374	18,198	14,692	3,506	20,058	5,366
Totals	13,208	11,126	2,082	12,137	1,011	74,911	57,823	17,088	69,508	11,685

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Work of Jackson office by months.—Males.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Bakers	1	1		1																
Blacksmiths	1	1		1																
Bookkeepers											2		2							
Butchers	1	1		1																
Carpenters	3	3		3							2	2		2		1		1		
Cement workers						4	4		4		1		1							
Chefs						1		1								1	1		1	
Chauffeurs						1		1								1	1		1	
Clerks						1		1											1	1
Coal heavers	27	27		27		4	4		5	1	26	26		26		12	12		12	
Coachmen	1	1		2	1						23	16	7	20	4					
Choremen	20	20		21	1	19	11	8	14	3						26	26		35	9
Collectors	1	1		1																
Delivery men						3	1	2	1		2	2		3	1	2	1	1	3	2
Dishwashers	1	1		1																
Distributors																2	2		2	
Drivers																1	1		2	1
Draughtsmen	1	1		1																
Elevator men	1	1		1							1		1							
Electricians						1		1												
Engineers						1		1												
Errand boys	1	1		1		1		1												
Factory hands	48	48		48		81		81			36		36			26		26		
Farm hands	20	5	15	6	1	19	2	17	8	6	12	6	6	14	8	21	4	17	12	8
Freight handlers											6	6		6		6	6		6	

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Grocery clerks														1	1				1	1
Handy boys	6	1	5	1		5	3	2	3		1		1			5		5		
Handy men	1	1		1		5	3	2	3		6	3	3	3		5	1	4	3	2
Hotel clerks																			1	1
Janitors	4		4			5		5	1	1	6	2	4	3	1	3		3	2	2
Kitchen men						1		1			1	1		1		2		2		
Laborers	62	15	47	15		86	18	68	18		46	22	24	22		57	31	26	31	
Machine blacksmiths														1	1					
Machinists	1		1			4	4		4		1	1		1		5		5		
Machine hands	1		1								2	2		2						
Messengers						1	1		1										2	2
Office boys									1	1									1	1
Office men	3		3	1	1	11	1	10	1		2	1	1	1						
Painters																2	2		2	
Placemen	1	1		1		1	1		2	1										
Porters	1	1		1		1	1		1										1	1
Printers	1	1		1												1		1		
Salesmen														1	1					
Solicitors									1	1									2	2
Stenographers	1		1	1	1														1	1
Teamsters	3	3		3		5	2	3	2		7	7		8	1	3	3		3	
Trimmers											1		1							
Watchmen	1		1			1		1												
Window trimmers	1		1																	
Wood cutters																2	2		3	1
Yardmen											2	2		2		4	4		4	
Totals	214	135	79	140	5	261	56	205	70	14	186	99	87	118	19	189	97	92	132	35

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Work of Jackson office by months.—Females.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Assistants	3		3	2	2	1	1		6	5	2	1	1	1		3	2	1	3	1
Bean pickers						2	2		2										5	5
Bookkeepers						2	2		3	1	2		2							
Chambermaids						6	6		9	3	1	1		1						
Clerks	4		4	1	1											2		2		
Cooks	5	2	3	4	2						2	2		6	4	2	1	1	3	2
Collectors	1		1																	
Day workers	4	4		6	2	29	29		29		32	32		32		53	53		53	
Demonstrators																2	1	1	1	
Dishwashers	34	34		36	2	1	1		1							3	3		4	1
Domestics	11	8	3	8		28	20	8	53	33	20	20		50	30	19	17	2	47	30
Factory help	2	1	1	1		4	4		4		10	10		10		10	10		11	1
Housekeepers	3	1	2	6	5	7	2	5	3	1	5	3	2	3		7	1	6	3	2
Kitchen help	7	7		8	1	2	2		3	1	8	6	2	9	3	9	9		13	4
Laundresses	51	51		52	1	68	68		70	2	60	60		61	1	67	67		68	1
Laundry workers	1	1		1		1	1		1		1	1		1						
Nurses						1		1			1	1		1						
Nurse maids																1	1		1	
Practical nurses				1	1	5	5		6	1	4	4		5	1	2	2		3	1
Office girls	2	2		2		11	8	3	8		5	1	4	1		5	1	4	1	
Pantry girls									1	1				1	1	1	1		1	
Scrub women						3	3		3		2	2		2		6	6		6	
Seamstresses	2		2			2	2		2											
Solicitors						3	3		3		1	1		1						
Stenographers	5	2	3	3	1	5	1	4	2	1	6	3	3	3		3	1	2	1	
Telephone girls						3		3			2		2	4	4					
Typists						5	5		5		3	3		3						
Waitresses	1	1		4	3	3	3		5	2	4		4	1	1	4	4		4	
Totals	136	114	22	135	21	192	168	24	219	51	171	151	20	196	45	199	180	19	228	48

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Work of Jackson office by months.—Males.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Auto builders																3	1	2	1	
Bakers' apprentices				1	1															
Barbers																1		1		
Berry pickers																2	2		2	
Bookkeepers	1		1																	
Brakemen																1		1		
Carpenters	2	2		2		1	1		2	1	5	5		6	1	2	1	1	1	
Celery hands											5	5		5						
Chauffeurs	2		2											1	1	1	1		1	
Cherry pickers														1	1	1	1		1	
Choremen	28	28		35	7	55	55		78	23	23	23		30	7	4	4		4	
Cigar makers																2	2		2	
Cigar strippers	1	1		1																
Coal heavers	33	33		33		22	22		22		32	32		34	2					
Cooks	2		2	3	3				1	1	3	1	2	1						
Collectors	1		1													1		1		
Clerks	6		6								7		7			3	1	2	1	
Delivery men	1		1		1	1	1		1											
Dishwashers											1	1		2	1					
Distributors	4	4		8	4	1	1		1											
Drill press hands	2	2		2																
Drivers						3	3		3											
Engineers																1	1		1	
Factory hands	22		22			20		20			26		26			59		59		
Farm hands	10	9	1	11	2	8	6	2	11	5	17	10	7	15	5	26	26		26	

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Work of Jackson office by months.—Males.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Firemen						1	1		1		2		2							
Freight hands	1	1		2	1	5	5		5		12	12		12						
Grocery clerks				1	1															
Handy boys						2	1	1	2	1	10	2	8	2						
Handy men	5	5		8	3	6	4	2	5	1	6	4	2	5	1					
Horticulturists						1	1		1											
Housemen														1	1					
Janitors	5	3	2	3		3	3		4	1										
Kitchen men				1	1															
Laborers	58	58		60	2	44	44		48	4	49	49		54	5	174	104	70	104	
Lath hands						3	2	1	2											
Machinists											3		3			25	8	17	8	
Machine hands	1		1			5		5												
Messengers									1	1	1	1		1						
Moulders																1		1		
Office men						1		1			6		6							
Painters											2		2			4	2	2	2	
Pastry bakers																1	1		1	
Placemen									1	1	1	1		1						
Plumbers	1		1																	
Polishers																1		1		
Porters						3	1	2	1											
Practical nurses	1		1																	
Printers																1		1		
Punch press men	1	1		1																

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Resort workers																1	1		1	
Second cook																1	1		1	
Sheet metal workers	1	1		1																
Stenographers						1		1								4	1	3	1	
Tailors									1	1										
Teamsters	4	4		4		3	3		4	1	2	2		2		5	4	1	4	
Telephone installers	1	1		1																
Testers																2		2		
Tobacco strippers						2	2		2											
Tool makers																1		1		
Waiters																2	1	1	1	
Watchmen						2	2		2		1	1		2	1					
Yard men	17	17		19	.2	37	37		42	5	18	18		19	1					
Totals	211	170	41	198	28	230	195	35	241	46	232	167	65	194	27	330	163	167	163	

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Work of Jackson office by months.—Females.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Assistants	4	1	3	1	.....	3	2	1	4	2	5	2	3	7	5	.....	.....	.....	.....	.....
Berry pickers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	.....	.....	.....	.....
Bookkeepers	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	2	1	1	1	.....
Chambermaids	3	3	.....	4	1	4	2	2	3	1	1	.....	1	.....	.....	2	.....	2	.....	.....
Clerks	3	.....	3	1	1	7	2	5	2	.....	5	.....	5	2	2	12	.....	12	.....	.....
Collectors	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cooks	2	1	1	4	3	1	1	.....	4	3	2	2	.....	14	12	8	5	3	5	.....
Companion	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Day helper	73	73	.....	74	1	117	117	.....	130	13	52	52	.....	61	9	68	68	.....	72	4
Demonstrators	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dining room girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	3	.....	7	4
Dishwashers	3	3	.....	7	4	6	6	.....	7	1	3	3	.....	7	4	3	3	.....	3	.....
Domestics	13	10	3	58	48	13	6	7	45	39	13	6	7	34	28	25	21	4	29	8
Factory hands	7	5	2	7	2	6	6	.....	7	1	.....	.....	.....	.....	.....	2	2	.....	2	.....
Housekeepers	4	3	1	7	4	3	3	.....	4	1	7	2	5	5	3	4	2	2	13	11
Kitchen help	3	2	1	10	8	12	9	3	16	7	7	3	4	7	4	2	2	.....	2	.....
Laundresses	71	71	.....	76	5	73	73	.....	84	11	66	66	.....	85	19	.....	.....	.....	.....	.....
Laundry workers	2	2	.....	2	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	2	2	.....	2	.....
Maids	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Nurse maids	2	1	1	1	.....	4	4	.....	4	.....	2	2	.....	2	.....	1	1	.....	1	.....

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Nurse girls																5	3	2	3	
Office girls	5	1	4	2	1	10	6	4	6		5	2	3	2		2	2		2	
Pantry girls											1	1		1						
Practical nurses	4	3	1	4	1	3	3		5	2	4	3	1	3						
Scrub women	4	4		5	1	3	3		6	3										
Seamstresses	2		2			1	1		1		3	3		3						
Second cook																3	2	1	2	
Solicitors	1		1																	
Stenographers	10	2	8	2		3	1	2	1		5	2	3	2		1	1		1	
Telephone operators				1	1	2	2		2							1		1		
Tobacco strippers									1	1										
Typists	2		2			1		1												
Waitresses	2	2		8	6	4	4		7	3	1	1		10	9	3	3		7	4
Totals	224	188	36	275	87	277	251	26	339	88	184	151	33	248	97	150	122	28	153	31

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Work of Jackson office by months.—Males.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Apple pickers	2	2		2		5	5		5		2	2		2						
Assemblers	11	11		11		27		27			40		40			56	2	54	2	
Auto repair men											4	1	3	1		19	3	16	3	
Bakers	1	1		1		3	1	2	1											
Blacksmiths	4	1	3	1		1	1		1											
Bookkeepers	1		1			4		4			3		3							
Brakemen	4		4																	
Carpenters	27	8	19	8		31	7	24	7		36	2	34	2		47	12	35	12	
Celery strippers											16	16		50	34					
Cement workers						4	4		4		7	1	6	1						
Chauffeurs	5	4	1	4		11	2	9	2							11	2	9	2	
Check boys									1	1										
Choremen	5	5		5		16	7	9	7		14	8	6	8		37	17	20	27	10
Cigarmakers	2	2		2																
Clerks	2	2		2		12	1	11	1		9	1	8	1		1	1		1	
Coal heavers																112	47	65	65	18
Corn huskers																27	12	15	12	
Cooks	5	2	3	2		9	4	5	4							7	1	6	1	
Cucumber pickers						4	4		4											
Dishwashers																1		1		

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Electricians											4	1	3	1						
Engineers	1		1			3		3								3		3		
Factory hands	49	8	41	8												31	6	25	6	
Farm hands	21	16	5	16		7	7		9	2	22	18	4	27	9					
Firemen	3	1	2	1		1		1			3		3			1	1		1	
Furniture packer	1		1																	
Gardeners	1	1		1																
Laborers	206	142	64	142		281	136	145	136		404	129	275	129		536	93	443	93	
Lumbermen																13	13		13	
Machinists	25	1	24	1		41	3	38	3		56		56			73		73		
Meat cutters	1		1																	
Molders	2	1	1	1																
Nightwatch	1		1			4		4			6	1	5	1		12		12		
Nurses	1	1		1																
Office men	3	1	2	1		7		7			3		3			6		6		
Painters	3		3			2	2		2		12	1	11	1						
Pipe fitters	2	1	1	1																
Polishers	2		2			6		6												
Railroad men	1		1			3	1	2	1											
Second cook	2	2		2																
Stenographers											3		3							
Teamsters	7	2	5	2		6	4	2	4		4	2	2	2		10	2	8	2	
Waiters	3	1	2	1		7		7			13	2	11	2		16	1	15	1	
Totals	404	216	188	216		495	189	306	192	3	661	185	476	228	43	1,019	213	806	241	28

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Work of Jackson office by months.—Females.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Bakers																1	1		1	
Basket makers											1		1							
Bookkeepers						2		2			6		6			3		3		
Celery strippers											5	5		5						
Chambermaids	3	2	1	2		7	2	5	2		6	4	2	4		6	3	3	3	
Clerks	5	2	3	2		12	2	10	2							15	7	8	7	
Cooks	4	3	1	3																
Collectors	1		1																	
Day workers	84	84		102	18	108	108		127	19	126	119	7	123	4	187	113	74	113	
Dining room girls	6	6		6		12	5	7	7	2	21	7	14	7		16	6	10	8	2
Dishwashers											4	3	1	3		6	6		7	1
Domestics	14	4		31	17	4	4		27	23	9	9		23	14	12	12		19	7
Dressmakers																3		3		
Factory girls	14	4	10	4		17	6	11	6		21	7	14	7		36	9	27	9	
Housekeepers	5	5		12	7	4	4		12	8	2	2		7	5	5	4	1	9	5
Kitchen girls	6	6		6		3	3		3		6	4	2	7	3					
Nurses	3	1	2	1		7	2	5	2		6	2	4	2		9	1	8	1	
Nurse girls	2	2		4	2				4	4	2	2		2		4	3	1	5	2
Office girls	6	2	4	2		12	1	11	1		16		16			21	1	20	1	
Second cooks	1	1		1																
Stenographers	2	2		2		6		6			4		4			7	1	6	1	
Waitresses	5	3	2	3		4	4		4		7	5	2	5						
Totals	161	137	24	181	44	198	141	57	197	56	242	169	73	195	26	331	167	164	184	17

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Summary of the work of the Jackson office for the year.

Months.	Males.					Females.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
December, 1912	214	135	79	140	5	136	114	22	135	21
January, 1913	261	56	205	70	14	192	168	24	219	51
February	186	99	87	118	19	171	151	20	196	45
March	189	97	92	132	35	199	180	19	228	48
April	211	170	41	198	28	224	188	36	275	87
May	230	195	35	241	46	277	251	26	339	88
June	232	167	65	194	27	184	151	33	248	97
July	330	163	167	163	.....	150	122	28	153	31
August	404	216	188	216	.....	161	137	24	181	44
September	495	189	306	192	3	198	141	57	197	56
October	661	185	476	228	43	242	169	73	195	26
November	1,019	213	806	241	28	331	167	164	184	17
Totals for year	4,432	1,885	2,547	2,133	248	2,465	1,939	526	2,550	611
Previously reported	45,258	33,328	11,930	39,010	5,682	16,445	13,369	3,076	18,361	4,992
Grand totals	49,690	35,213	14,477	41,143	5,930	18,910	15,308	3,602	20,911	5,603

RECAPITULATION.

Character of positions.	Work of Jackson office for year ending November 30, 1913.					Work of Jackson office August 1, 1908, to November 30, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
Males	4,432	1,885	2,547	2,133	248	49,690	35,213	14,477	41,143	5,930
Females	2,465	1,939	526	2,550	611	18,910	15,308	3,602	20,911	5,603
Totals	6,897	3,824	3,073	4,683	859	68,600	50,521	18,079	62,054	11,533

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Work of Kalamazoo office by months.—Males.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Apprentices	3	1	2	1	.....	2	.....	2	.....	.....	3	2	1	2	.....	3	1	2	1	.....
Bakers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....
Carpenters	2	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Clerks	2	.....	2	.....	.....	1	.....	1	.....	.....	2	.....	2	.....	.....	2	.....	2	.....	.....
Cooks	2	1	1	1	.....	2	.....	2	.....	.....	2	1	1	2	1	3	1	2	2	1
Delivery men	.....	.....	.....	.....	.....	3	1	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Drivers	3	1	2	1	.....	.....	.....	.....	.....	.....	3	2	1	3	1	4	2	2	2	.....
Engineers	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Factory hands	34	12	22	12	.....	38	12	26	12	.....	38	10	28	10	.....	32	10	22	10	.....
Farm hands	33	26	7	30	4	15	9	6	12	3	20	14	6	16	2	46	28	18	32	4
Farm tenants	4	2	2	3	1	6	1	5	1	.....	.....	.....	.....	.....	.....	15	3	12	5	2
Firemen	1	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....	3	1	2	1	.....
Janitors	2	1	1	1	.....	4	2	2	2	.....	.....	.....	.....	.....	.....	5	2	3	3	1
Kitchen men	5	3	2	3	.....	4	2	2	2	.....	6	4	2	4	.....	4	2	2	3	1
Laborers	125	105	20	105	.....	96	20	76	20	.....	72	60	12	65	5	110	63	47	68	5
Machinists	2	.....	2	.....	.....	.....	.....	.....	.....	.....	3	1	2	1	.....	4	1	3	1	.....
Masons	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....
Office help	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Porters	2	1	1	1	.....	1	.....	1	.....	.....	6	5	1	6	1	5	2	3	3	1
Shipping clerks	.....	.....	.....	.....	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Teamsters	2	.....	2	.....	.....	6	4	2	5	1	4	1	3	1	.....	4	2	2	2	.....
Watchmen	1	.....	1	.....	.....	.....	.....	.....	.....	.....	3	.....	3	.....	.....	6	1	5	1	.....
Totals	226	154	72	159	5	180	51	129	55	4	165	100	65	110	10	248	119	129	134	15

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Work of Kalamazoo office by months.—Females.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Chambermaids	2	1	1	1							2	1	1	1		8	5	3	6	1
Clerks						1		1												
Cooks	4	2	2	2		3	2	1	3	1	3	2	1	3	1	4	2	2	2	
Day workers	8	6	2	7	1	15	9	6	10	1	15	12	3	14	2	20	16	4	20	4
Domestics	13	10	3	10		14	10	4	15	5	13	11	2	15	4	13	10	3	22	12
Factory girls						4	2	2	2		5	2	3	2		8	5	3	5	
Housekeepers	7	3	4	4		3		3	1	1	5	3	2	3		10	6	4	7	1
Janitresses	1		1													2		2		
Kitchen workers	6	4	2	3	1	4	3	1	4	1	6	4	2	4		9	7	2	7	
Laundry workers																3	2	1	2	
Nurses	1		1																	
Nurse girls	2	1	1	1		2		2												
Office women	4		4			1		1			3		3			3		3		
Solicitors						1	1		1											
Stenographers											1		1			1		1		
Switchboard operators	1		1																	
Washwomen	3	2	1	2		3	3		3		5	4	1	4		3	2	1	5	3
Waitresses											1		1							
Totals	52	29	23	41	2	51	30	21	39	9	59	39	20	46	7	84	55	29	76	21

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Work of Kalamazoo office by months.—Males.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Apprentices	2	2	1	2		2	1	1	1		3	1	2	1						
Assistant photographers																1	1		1	
Bakers	1		1			1		1			1		1							
Bell boys																1	1		1	
Blacksmiths	6	4	2	4							1		1							
Cement workers																6	6		6	
Clerks						3		3			2		2							
Cooks	4	2	2	3	1	3	2	1	3	1	5	4	1	5	1					
Delivery men	5	2	3	2																
Drivers						6	4	2	4		7	2	5	2						
Engineers											1		1							
Farm hands	34	28	6	31	3	34	26	8	30	4	36	25	11	32	7	92	92		110	18
Factory men	78	26	52	26		65	35	30	35		44	16	28	16						
Farm tenants	10	3	7	5	2	12	3	9	5	2	9	4	5	5	1					
Firemen						3		3												

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Gardeners																3	3		3	
Hotel workers																6	6		6	
Janitors	5	3	2	3		5	2	3	2		2		2			1	1		1	
Kitchen men	8	6	2	6		7	4	3	5	1	6	4	2	4						
Laborers	187	102	85	102		132	90	42	90		98	52	46	56	4	188	188		188	
Laundry men																2	2		2	
Lumber men																2	2		2	
Machinists	6	2	4	2		4	1	3	1		1	1		1						
Office men	3		3								1		1							
Porters	9	4	5	4		9	6	3	6		4	3	1	3		2	2		2	
Salesmen											1		1							
Stenographers											1		1							
Teamsters	6	3	3	3		6	3	3	3		2	1	1	1						
Waiters																2	2		2	
Watchmen	3	1	2	2	1	3	1	2	1		3		3		2	2	2		2	
Totals	368	188	180	195	7	295	178	117	186	8	228	113	115	126	13	308	308		326	18

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Work of Kalamazoo office by months.—Females.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Assistant salesladies																1	1		1	
Chambermaids	4	3	1	3		3	2	1	3	1	3	2	1	3	1					
Clerks						2		2			1		1							
Cooks	6	2	4	2		6	4	2	4		4	3	1	3		1	1		1	
Day workers						12	10	2	11	1	12	9	3	9						
Domestics	19	15	4	22	7	16	12	4	22	10	15	13	2	22	9	29	29		32	3
Factory hands	10	5	5	5		10	6	4	6		10	3	7	3						
Housekeepers	7	4	3	5	1	6	5	1	7	2	8	6	2	7	1					
Kitchen workers	9	6	3	6		11	8	3	9	1	6	5	1	5						
Laundry workers	3	2	1	2							4	4		4		5	5		5	
Nurses																2	2		2	
Office women	4	1	3	1							1		1							
Seamstresses											1		1							
Stenographers	2		2			2		2			2		2							
Washwomen	7	6	1	8	2	3	3		3											
Waitresses																5	5		7	2
Totals	71	44	27	54	10	71	50	21	65	15	67	45	22	56	11	43	43		48	5

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Work of Kalamazoo office by months.—Males.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Apprentices	1	1		1																
Carpenters						1	1		1		3	3		3		1	1		1	
Concrete workers	6	6		6																
Cooks	1	1		1		4	4		4		2	2		2		1	1		1	
Draymen	1	1		1																
Delivery boys																1	1		1	
Elevator men	1	1		1		1	1		1											
Farm hands	30	30		39	9	43	43		51	8	78	78		78		58	58		58	
Firemen	1	1		1		1	1		1											
Housemen						2	2		2		7	7		7		11	11		11	
Janitors	4	4		4		1	1		1							8	8		8	
Laborers	233	233		275	42	190	190		190		101	101		101		82	82		82	
Laundry workers																1	1		1	
Mill workers	2	2		2																
Nightwatch	2	2		2																
Office men																				
Painters											1	1		1						
Porters	6	6		7	1	3	3		3		1	1		1		1	1		1	
Threshing hands	3	3		3																
Waiters																				
Totals	291	291		343	52	246	246		254	8	193	193		193		166	166		166	

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Work of Kalamazoo office by months.—Females.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Chambermaids	2	2	.....	2	.....	1	1	.....	1	.....	10	10	.....	10	.....	4	4	.....	4	.....
Clerks	.....	.....	.....	.....	.....	2	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cooks	3	3	.....	3	.....	6	6	.....	6	.....	10	10	.....	10	.....	3	3	.....	3	.....
Dining room girls	3	3	.....	7	4	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Domestics	34	34	.....	35	1	42	42	.....	44	2	31	31	.....	31	.....	27	27	.....	27	.....
Factory workers	.....	.....	.....	.....	.....	3	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Housekeepers	3	3	.....	3	.....	3	3	.....	3	.....	.....	.....	.....	.....	.....	8	8	.....	8	.....
Laundresses	4	4	.....	4	.....	3	3	.....	3	.....	4	4	.....	4	.....	.....	.....	.....	.....	.....
Nurses	2	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nursemaids	.....	.....	.....	.....	.....	4	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Office girls	.....	.....	.....	.....	.....	1	1	.....	1	.....	1	1	.....	1	.....	5	5	.....	5	.....
Reporters	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....
Saleswomen	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	2	.....
Shop girls	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	.....	.....	.....	.....	.....
Waitresses	2	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....
Totals	53	53	.....	58	5	66	66	.....	68	2	58	58	.....	58	.....	50	50	.....	50	.....

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Summary of the work of the Kalamazoo office for the year.

Months.	Males.					Females.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
December, 1912	226	154	72	159	5	52	29	23	41	12
January, 1913	180	51	129	55	4	51	30	21	39	9
February	165	100	65	110	10	59	39	20	46	7
March	248	119	129	134	15	84	55	29	76	21
April	368	188	180	195	7	71	44	27	54	10
May	295	178	117	186	8	71	50	21	65	15
June	228	113	115	126	13	67	45	22	56	11
July	308	308	.....	326	18	43	43	.....	48	5
August	291	291	.....	343	52	53	53	.....	58	5
September	246	246	.....	254	8	66	66	.....	68	2
October	193	193	.....	193	.....	58	58	.....	58	.....
November	166	166	.....	166	.....	50	50	.....	50	.....
Totals for year	2,914	2,107	807	2,247	140	725	562	163	659	97
Previously reported	21,758	10,635	11,123	13,819	3,184	9,002	5,582	3,420	9,513	3,937
Grand totals	24,672	12,742	11,930	16,066	3,324	9,727	6,144	3,583	10,172	4,028

RECAPITULATION.

Character of positions.	Work of Kalamazoo office for year ending November 30, 1913.					Work of Kalamazoo office August 7, 1907 to November 30, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
Males	2,914	2,107	807	3,347	140	24,672	12,742	11,930	16,066	3,324
Females	725	562	163	659	97	9,727	6,144	3,583	10,172	4,028
Totals	3,639	2,669	970	2,906	237	34,399	18,886	15,513	26,238	7,352

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Work of Saginaw office by months.—Males.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Blacksmiths				3	3											4	2	2	4	2
Boiler makers						1	1		1											
Bookkeepers						1	1		1											
Carpenters	6	6		7	1	3	3		3		10	10		10					10	10
Chemists																1	1		1	
Clerks	2		2			2	1	1	2	1										
Cooks						4	3	1	4	1	4	4		4		2	2		4	2
Dairy helpers											6	5	1	6	1					
Day laborers	18	11	7	11																
Electricians																1	1		1	
Engineers	4		4																	
Factory help											40	40		40		16	10	6	14	4
Farmers	6	6		6		4		4			9	9		9						
Farm hands											12	12		12		21	17	4	17	
Firemen						3	2	1	3	1						2	2		2	
Janitors	3		3			4	2	2	4	2	3	2	1	3	1	6	4	2	6	2
Laborers						36	36		36		50	45	5	50	5					
Machinists						4	1	3	4	3	2	1	1	2	1	30	10	20	10	
Painters	3		3			2	1	1	2	1						4	3	1	4	1
Teamsters	8		8													3	3		3	
Watchmen	3		3																	
Woodsmen	10	3	7	10	7	20	20		20		20	18	2	20	2					
Totals	63	26	37	37	11	84	71	13	80	9	156	146	10	156	10	90	55	35	76	21

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Work of Saginaw office by months.—Females.

Character of positions.	December, 1912.					January, 1913.					February, 1913.					March, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Bookkeepers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	3	1	3	.....
Chambermaids	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	2	.....	2	.....
Clerks	13	7	6	11	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cooks	3	2	1	3	1	7	7	.....	7	.....	6	6	.....	6	.....	4	4	.....	4	.....
Day workers	2	.....	2	.....	.....	6	6	.....	6	.....	4	4	.....	4	.....	6	4	2	6	2
Dishwashers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10	6	4	6	.....
Factory help	.....	.....	.....	.....	.....	5	4	1	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Housekeepers	4	3	1	5	2	11	11	.....	11	.....	20	18	2	20	2	7	6	1	6	.....
Houseworkers	6	2	4	3	1	4	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kitchen help	.....	.....	.....	.....	.....	7	7	.....	7	.....	25	20	5	25	5	15	12	3	12	.....
Laundresses	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	4	.....	4	.....	2	2	.....	2	.....
Stenographers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	2	1	3	1
Waitresses	.....	.....	.....	.....	.....	5	4	1	5	1	4	2	2	4	2	.....	.....	.....	.....	.....
Totals	28	14	14	22	8	45	43	2	45	2	63	54	9	63	9	53	41	12	44	3

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Work of Saginaw office by months.—Males.—Continued.

Character of positions.	April, 1913.					May, 1913.					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Brick yard men	5	5		5		10	10		10		19	18	1	19	1					
Carpenters	10	10		10		15	10	5	15	5						2		2		
Clerks						3	2	1	3	1	2	2		2						
Collectors	3	3		3		3	2	1	3	1	1	1		1						
Common laborers	40	30	10	30												45	31	14	48	17
Cooks																3	2	1	2	
Dairymen	5	5		5																
Day workers						19	19		19		54	54		54						
Delivery clerks						4	4		4							5	5		5	
Dishwashers																			1	1
Drug clerks	2	2		2																
Elevator men	7	6	1	6		8	7	1	8	1										
Factory hands	5	5		5		15	12	3	15	3						4	1	3	1	
Farmers	42	40	2	40		53	51	2	53	2	43	40	3	43	3					
Farm hands																80	80		85	5
Gardeners	7	7		7		10	9	1	10	1	6	6		6						
Hotel workers																11	8	3	8	
Iron workers																1		1		
Linemen																1	1		1	
Livery men											21	20	1	21	1	2	2		2	

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Lumber handlers																22	22		25	3
Masons	2	2		2																
Millworkers																2	2		2	
Painters											5	5		5		1		1		
Railroad men						29	28	1	29	1										
Restaurant helpers																3	2	1	2	
Section hands																			1	1
Sewer diggers																			5	5
Sheet metal workers	1	1		1																
Shop hands																4		4		
Stone quarry men											4	4		4						
Teamsters	4	4		4												3	2	1	2	
Tinners	1	1		1												2	1	1	1	
Watchmen	3	1	2	1																
Woodsmen																20	20		25	5
Yard workers																2	1	1	1	
Totals	137	122	15	122		169	154	15	169	15	155	150	5	155	5	213	180	33	217	37

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Work of Saginaw office by months.—Females.—Continued.

Character of positions.	April, 1913.					May, 1913					June, 1913.					July, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Bookkeepers																2	2		3	1
Clerks											4	4		4		1	1		1	
Cooks	14	14		14		10	9	1	10	1									8	8
Day workers	18	18		18		25	22	3	25	3	20	15	5	18	3	1	1		1	
Dishwashers	5	5		5																
Dressmakers						7	4	3	7	3										
Factory hands						25	23	2	25	2										
Hotel workers																1	1		2	1
Housekeepers						16	14	2	16	2	10	9	1	9		17	15	2	19	4
Houseworkers	9	9		9												3	3		8	5
Kitchen girls																2	2		3	1
Office girls																3	2	1	2	
Stenographers						6	5	1	6	1										
Waitresses																2	1	1	3	2
Washwomen											16	10	6	16	6					
Totals	46	46		46		89	77	12	89	12	50	38	12	47	9	32	28	4	50	22

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Work of Saginaw office by months.—Males.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Carpenters	.....	.....	.....	.....	.....	6	4	2	6	2	8	7	1	8	1	9	6	3	9	3
Clerks	6	6	.....	6	.....	7	6	1	7	1	6	5	1	6	1	5	5	.....	5	.....
Coal handlers	14	14	.....	14	.....	18	18	.....	18	.....	31	28	3	31	3	37	27	10	37	10
Cooks	4	3	1	4	1	5	4	1	5	1	8	6	2	8	2	9	7	2	9	2
Deliverymen	18	18	.....	18	.....	23	19	4	23	4	19	17	2	19	2	18	15	3	18	3
Dishwashers	2	2	.....	2	.....	10	8	2	10	2	18	16	2	18	2	17	15	2	17	2
Factory hands	6	6	.....	6	.....	18	14	4	18	4	23	19	4	23	4	19	18	1	19	1
Farm hands	160	158	2	160	2	195	174	21	195	21	201	200	1	201	1	197	197	.....	197	.....
Hotel workers	21	21	.....	21	.....	32	29	3	32	3	43	39	4	43	4	44	40	4	44	4
Hotel porters	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Janitors	.....	.....	.....	.....	.....	1	1	.....	1	.....	3	3	.....	3	.....	6	6	.....	6	.....
Laborers	90	90	.....	90	.....	98	93	5	98	5	120	113	7	120	7	145	136	9	145	9
Linemen	11	11	.....	11	.....	8	6	2	8	2	3	3	.....	3	.....	6	6	.....	6	.....
Livery men	7	7	.....	7	.....	9	6	3	9	3	8	7	1	8	1	7	7	.....	7	.....
Lumber handlers	60	60	.....	60	.....	75	64	11	75	11	71	70	1	71	1	65	65	.....	65	.....
Machinists	.....	.....	.....	.....	.....	9	7	2	9	2	25	21	4	25	4	19	18	1	19	1
Mill hands	6	6	.....	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Molders	13	12	1	13	1	1	1	.....	1	.....	2	2	.....	2	.....	1	1	.....	1	.....
Painters	3	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Restaurant help	.....	.....	.....	.....	.....	18	16	2	18	2	27	27	.....	27	.....	31	30	1	31	1
Shop hands	4	3	1	4	1	2	2	.....	2	.....	4	3	1	4	1	8	7	1	8	1
Street employes	18	18	.....	18	.....	29	24	5	29	5	26	19	7	26	7	32	29	3	32	3
Street railway employes	.....	.....	.....	.....	.....	4	3	1	4	1	6	4	2	6	2	4	4	.....	4	.....
Teamsters	4	4	.....	4	.....	11	8	3	11	3	13	11	2	13	2	14	12	2	14	2
Waiters	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Woodmen	19	19	.....	19	.....	.....	.....	.....	.....	.....	34	34	.....	34	.....	120	120	.....	120	.....
Totals	468	463	5	468	5	579	507	72	579	72	699	654	45	699	45	813	771	42	813	42

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Work of Saginaw office by months.—Females.—Concluded.

Character of positions.	August, 1913.					September, 1913.					October, 1913.					November, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.	Number filed.	Number positions secured.	Number unfilled.	Number filed.	Number unfilled.
Bookkeepers	3	2	1	3	1	2	1	1	2	1	1	1	.....	1	.....	2	2	.....	2	.....
Chambermaids	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1	.....	3	3	.....	3	.....
Clerks	1	1	.....	1	.....	3	3	.....	3	.....	3	2	1	3	1	4	4	.....	4	.....
Cooks	3	2	1	3	1	4	4	.....	4	.....	7	5	2	7	2	8	7	1	8	1
Day workers	8	6	2	8	2	11	9	2	11	2	13	13	.....	13	.....	17	17	.....	17	.....
Dishwashers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	9	.....	9	.....	14	14	.....	14	.....
Factory girls	.....	.....	.....	.....	.....	13	9	4	13	4	9	9	.....	9	.....	8	8	.....	8	.....
Housekeepers	6	4	2	6	2	9	9	.....	9	.....	11	11	.....	11	.....	13	12	1	13	1
Houseworkers	12	11	1	12	1	16	14	2	16	2	19	19	.....	19	.....	20	19	1	20	1
Hotel workers	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	13	1	14	1	16	16	.....	16	.....
Kitchen workers	11	9	2	11	2	14	12	2	14	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Office girls	8	2	6	2	.....	11	8	3	11	3	8	6	2	8	2	7	7	.....	7	.....
Waitresses	4	3	1	4	1	14	12	2	14	2	13	12	1	13	1	11	11	.....	11	.....
Totals	56	40	16	50	10	97	81	16	97	16	108	101	7	108	7	123	120	3	123	3

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Summary of the work of the Saginaw office for the year.

Months.	Males.					Females.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
December, 1912	63	26	37	37	11	28	14	14	22	8
January, 1913	84	71	13	80	9	45	43	2	45	2
February	156	146	10	156	10	63	54	9	63	9
March	90	55	35	76	21	53	41	12	44	3
April	137	122	15	122	.....	46	46	.....	46	.....
May	169	154	15	169	15	89	77	12	89	12
June	155	150	5	155	5	50	38	12	47	9
July	213	180	33	217	37	32	28	4	50	22
August	468	463	5	468	5	56	40	16	50	10
September	579	507	72	579	72	97	81	16	97	16
October	699	654	45	699	45	108	101	7	108	7
November	813	771	42	813	42	123	120	3	123	3
Totals for year	3,626	3,299	327	3,571	272	790	683	107	784	101
Previously reported	16,774	8,856	7,918	11,574	2,718	3,258	2,514	744	4,237	1,723
Grand totals	20,400	12,155	8,245	15,145	2,990	4,048	3,197	851	5,021	1,824

RECAPITULATION.

Character of positions.	Work of Saginaw office for year ending November 30, 1913.					Work of Saginaw office July 19, 1907 to November 30, 1913.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
Males	3,626	3,299	327	3,571	272	20,400	12,155	8,245	15,145	2,990
Females	790	683	107	784	101	4,048	3,197	851	5,021	1,824
Totals	4,416	3,982	434	4,355	373	24,448	15,352	9,096	20,166	4,814

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Summary of total work of five offices combined.

Offices.	Totals for the year.					Totals since bureaus were established.				
	Applications for employment.			Applications for help.		Applications for employment.			Applications for help.	
	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.	No. filed.	No. of posi'ns secured.	No. unfilled.	No. filed.	No. unfilled.
Detroit:										
Males	16,471	16,456	15	16,825	369	143,004	138,094	4,910	148,385	10,291
Females	4,435	4,435	.....	4,888	453	30,749	30,064	685	38,064	8,000
Totals	20,906	20,891	15	21,713	822	173,753	168,158	5,595	186,449	18,291
Grand Rapids:										
Males	11,455	9,803	1,652	10,440	637	56,713	43,131	13,582	49,450	6,319
Females	1,753	1,323	430	1,697	374	18,198	14,692	3,506	20,058	5,366
Totals	13,208	11,126	2,082	12,137	1,011	74,911	57,823	17,088	69,508	11,685
Jackson:										
Males	4,432	1,885	2,547	2,133	248	49,690	35,213	14,477	41,143	5,930
Females	2,465	1,939	526	2,550	611	18,910	15,308	3,602	20,911	5,603
Totals	6,897	3,824	3,073	4,683	859	68,600	50,521	18,079	62,054	11,533
Kalamazoo:										
Males	2,914	2,107	807	2,247	140	24,672	12,742	11,930	16,066	3;324
Females	725	562	163	659	97	9,727	6,144	3,583	10,172	4,028
Totals	3,639	2,669	970	2,906	237	34,399	18,886	15,513	26,238	7,352
Saginaw:										
Males	3,626	3,299	327	3,571	272	20,400	12,155	8,245	15,145	2,990
Females	790	683	107	784	101	4,048	3,197	851	5,021	1,824
Totals	4,416	3,982	434	4,355	373	24,448	15,352	9,096	20,166	4,814
Grand totals for five offices:										
Males	38,898	33,550	5,348	35,216	1,666	294,479	241,335	53,144	270,189	28,854
Females	10,168	8,942	1,226	10,578	1,636	81,632	69,405	12,227	94,226	24,821
Totals	49,066	42,492	6,574	45,794	3,302	376,111	310,740	65,371	364,415	53,675

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INSPECTION OF SCHOOL BUILDINGS.

List of school houses inspected in 1913, showing date of inspection, location, etc.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	ALCONA COUNTY.													
Aug. 26	District School House No. 1	Harrisville	2	Yes	Steam	Yes	1	Yes	7	No	24	35	No	No
Aug. 26	Gustin Township School No. 7	Lincoln	2	Yes	Hot air	Yes	1	Yes	2	No	14		Yes	No
	ALGER COUNTY.													
Oct. 4	Chatham Public School	Chatham	1	No	Steam	Yes	2	Yes	3	Yes			Yes	Yes
Oct. 28	Indian Town School	Indian Town	1	No	Stove	Yes	1	No	1	Yes			Yes	Yes
Oct. 31	East Munising School	Munising	2	No	Hot air	Yes	1	Yes	2	Yes	18	24	Yes	Yes
Oct. 31	Frobel School	Munising	2	Yes	Steam	No	1	Yes	5	Yes	15	97	Yes	Yes
Oct. 31	High School	Munising	3	No	Steam	Yes	2	Yes	10	No	18	120	Yes	Yes
Oct. 31	Sacred Heart Parochial School	Munising	2	No	Steam	Yes	2	Yes	6	No	18	80	Yes	Yes
Oct. 31	West Ward School	Munising	1	No	Hot air	No		Yes	2	No			Yes	Yes
Oct. 31	Shingleton School	Shingleton	1	No	Stove	No		Yes		Yes			Yes	Yes
Nov. 1	Whitmore School	Whitmore	2	No	Stove	Yes	1	Yes	2	Yes	18		Yes	Yes
	ALLEGAN COUNTY.													
Aug. 25	Allegan High School	Allegan	2	Yes	Steam	Yes	3	Yes	8	No	20	150	Yes	Yes
Aug. 16	Dawson School	Allegan	2	Yes	Steam	Yes	3	Yes	11	No	24	65	Yes	Yes
Aug. 25	North Side Grade School	Allegan	1	No	Steam	Yes	2	Yes	2	No			Yes	Yes
Aug. 25	Small Grade School	Allegan	1	No	Stoves	Yes	2	Yes	2	No			No	No
Aug. 25	South Side Grade School	Allegan	1	No	Stoves	Yes	4	Yes	2	No			Yes	Yes
Sept. 11	Douglas Public School	Douglas	2	Yes	Hot air	Yes	3	Yes	5	No	20	60	No	No
Sept. 11	Fennville District School	Fennville	2	Yes	Steam	Yes	1	Yes	6	No	20	110	Yes	Yes
Aug. 28	Otsego Graded School	Otsego	3	No	Steam	Yes	2	Yes	14	No		180	Yes	Yes
Aug. 28	Otsego High School	Otsego	2	No	Steam	Yes	2	Yes	13	No	24	100	Yes	Yes
Sept. 3	Bridge Street School	Plainville	2	No	Hot air	Yes	2	Yes	8	No	16	160	Yes	Yes
Sept. 2	Plainwell High School	Plainwell	2	No	Hot air	Yes	2	Yes	6	No	22	130	Yes	Yes
Sept. 11	Fractional District School No. 2	Saugatuck	2	No	Steam	Yes	2	Yes	6	No	24	78	Yes	Yes
Sept. 4	Wayland Union School	Wayland	2	Yes	Steam	Yes		Yes	4	Yes	22	111	Yes	Yes

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	ALPENA COUNTY.													
Dec. 3	Avery School	Alpena	2	Yes	Steam	Yes	4	Yes	4	Yes	15	70	Yes	Yes
Dec. 3	Baldwin School	Alpena	1	No	Hot air		4	Yes	3	Yes			Yes	Yes
Dec. 3	Cass School	Alpena	1	No	Hot air		1	Yes	2	Yes			Yes	Yes
Dec. 3	Central High School	Alpena	2	Yes	Steam	Yes	4	Yes	11	Yes	16	150	Yes	Yes
Dec. 3	Franklin School	Alpena	1	No	Hot air		2	Yes	4	Yes			Yes	Yes
Dec. 3	Garfield School	Alpena	2	Yes	Steam	Yes	4	Yes	6	Yes	15	115	Yes	Yes
Dec. 3	Jefferson School	Alpena	1	No	Steam	Yes	2	Yes	4	Yes			Yes	Yes
Dec. 3	Lockwood School	Alpena	2	Yes	Steam	Yes	3	Yes	6	Yes		115	Yes	Yes
Dec. 3	McPhee School	Alpena	2	Yes	Hot air		2	Yes	8	Yes		125	Yes	Yes
Dec. 3	Oled Smith School	Alpena	2	Yes	Steam	Yes	3	Yes	6	Yes	15	105	Yes	Yes
Dec. 3	St. Bernard School	Alpena	2	Yes	Steam	Yes	1	Yes	8	Yes	15	100	Yes	Yes
Dec. 2	St. Mary's School	Alpena	2	No	Hot air	Yes	2	Yes	4	Yes	16	100	Yes	Yes
	ANTRIM COUNTY.													
	Bellaire School	Bellaire	2	No	Steam	Yes	5	Yes	11	No	18	110	Yes	Yes
Dec. 16	Central Lake School	Central Lake	2	Yes	Steam	Yes	2	Yes	6	Yes	16	56	Yes	Yes
Dec. 16	Central Lake School	Central Lake	2	Yes	Steam	Yes	2	Yes	8	Yes	16	90	Yes	Yes
Dec. 24	Elmira Public School	Elmira	2	No	Steam	Yes	1	Yes	4	Yes	16	50	Yes	Yes
Dec. 17	Elk Rapids School	Elk Rapids	2	Yes	Steam	Yes	2	Yes	8	Yes	16	90	Yes	Yes
Dec. 15	Mancelona School	Mancelona	2	Yes	Steam	Yes	2	Yes	6	Yes	16	95	Yes	Yes
Dec. 15	Mancelona School	Mancelona	2	Yes	Steam	Yes	2	Yes	4	Yes		110	Yes	Yes

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	Arenac County.													
Aug. 8	Arenac District School No. 4	Omer	2	Yes	Steam	Yes	2	Yes	4		16	50	Yes	Yes
Oct. 9	Sterling School House No. 2	Sterling	2	Yes	Stoves	Yes	1	Yes	4		18	47	Yes	Yes
Sept. 24	Standish Public School	Standish	2	Yes	Hot air	Yes	3	Yes	6		20	90	Yes	Yes
Sept. 24	Standish Ward School	Standish	1	No	Stoves			Yes	2				No	No
Aug. 8	Twining School House No. 4	Twining	2	Yes	Stoves	Yes	1	Yes	4	Yes	16	70	Yes	Yes
	Baraga County.													
Feb. 4	Baraga Public School	Baraga	2	Yes	Steam	Yes	2	Yes	7	No	20	135	Yes	Yes
Feb. 7	Chas. Herbert School	L'Anse Township	1	No	Stoves			Yes	1	Yes	5		Yes	Yes
Feb. 7	Herman School	L'Anse Township	1	No	Stoves			Yes	1	Yes			Yes	Yes
Feb. 6	L'Anse Grade School	L'Anse	2	No	Steam	Yes	1	Yes	1	Yes	18		Yes	No
Feb. 6	L'Anse High School	L'Anse	2	Yes	Steam	Yes	2	Yes	5	Yes	18	52	Yes	Yes
Feb. 7	Macon School	L'Anse Township	1	No	Stoves			Yes	1	Yes			Yes	Yes
Feb. 7	McKernin School	L'Anse Township	1	No	Stoves			Yes	1	Yes			Yes	Yes
Feb. 7	Foot School	L'Anse Township	1	No	Stove			Yes	1	Yes			Yes	Yes
Feb. 7	Pequaming School	Pequaming	2	Yes	Steam	Yes	1	Yes	4	Yes	18	59	Yes	Yes
	Barry County.													
Aug. 13	Grade School	Hastings	2	Yes	Steam	Yes	1	No	8	No	24	140	Yes	Yes
Aug. 13	High School	Hastings	3	Yes	Steam	Yes	1	No	13	Yes	21	300	Yes	Yes
Aug. 13	First Ward School	Hastings	2	Yes	Steam	Yes	1	Yes	4	No	16	70	Yes	Yes
Aug. 13	Second Ward School	Hastings	2	No	Steam	Yes	1	Yes	4	No	16	70	Yes	No
Aug. 15	Middleville High School	Middleville	3	Yes	Steam	Yes	2	Yes	5	Yes	24	125	Yes	Yes
Aug. 12	Nashville High School	Nashville	2	No	Steam	Yes	2	Yes	7	No	24	120	Yes	Yes
	Bay County.													
Dec. 29	Williams School No. 3	Auburn	2	Yes	Steam	Yes	3	No	4	No	20	65	Yes	Yes
Dec. 29	St. Stanislaus	Bay City	3	No	Steam	Yes	4	Yes	8	No	24	567	No	No
Jan. 26	Fremont School	Bay City	2	No	Steam	Yes	4	Yes	15	No	24	250	Yes	Yes
Jan. 26	Whittier School	Bay City	2	No	Steam	Yes	2	Yes	9	No	24	150	Yes	Yes
Jan. 26	St. Hyacinths School	Bay City	2	No	Steam	Yes	4	Yes	7	No	24	74	No	No
Jan. 26	St. James School	Bay City	2	No	Steam	Yes	3	Yes	11		24	200	Yes	Yes
Jan. 26	Childrens' Home	Bay City	3	Yes	Steam	Yes	2	Yes				34	No	No
Jan. 26	Lincoln School	Bay City	2	Yes	Steam	Yes	4	Yes	8	No	24	68	Yes	Yes
Jan. 26	Garfield School	Bay City	2	No	Steam	Yes	2	Yes	12	No	24	200	Yes	Yes
Jan. 27	St. Hedwig's School	Bay City	2	No	Steam	Yes	2	Yes	9	No	20		Yes	Yes

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	BAY CO.—*Con.*													
Jan. 28	Wenona School	Bay City	2	Yes	Steam	Yes	1	Yes	8	No	28	140	Yes	Yes
Jan. 28	Kolb School	Bay City	2	Yes	Steam	Yes	1	Yes	8	No	28	144	Yes	Yes
Jan. 28	Reigie School	Bay City	2	Yes	Hot air	Yes	1	Yes	8	No	24	80	Yes	Yes
Jan. 28	Western High School	Bay City	2	No	Hot air	Yes	4	Yes	12	No	24	125	Yes	Yes
Jan. 29	Visitation School	Bay City	2	No	Steam	Yes	2	Yes	6	No	20	110	No	No
Jan. 29	Park School	Bay City	2	No	Steam	Yes	3	Yes	8	No	24	150	Yes	Yes
Jan. 29	St. Mary's School	Bay City	3	Yes	Steam	Yes	3	Yes	11	No	26	150	Yes	Yes
Jan. 29	Trombly School	Bay City	2	No	Steam	Yes	4	Yes	12	No	24	200	Yes	Yes
Jan. 29	McKinley School	Bay City	2	Yes	Hot air	Yes	1	Yes	8	No	24	110	Yes	Yes
Jan. 21	Washington School	Bay City	2	No	Steam	Yes	2	Yes	9	No	20	150	Yes	Yes
Jan. 21	Holy Rosary Academy	Bay City	3	Yes	Steam	Yes	2	Yes	30	No	20	54	No	Yes
Jan. 21	St. Boniface School	Bay City	2	No	Hot air	Yes	2	Yes	4	No			No	Yes
Jan. 21	Lutheran Emanuel School	Bay City	2	No	Steam	Yes	2	Yes	3	No		135	Yes	Yes
Jan. 21	Farrogut School	Bay City	2	No	Steam	Yes	4	Yes	14	Yes	20	220	Yes	Yes
Jan. 21	Beth Lutheran School	Bay City	2	No	Steam	Yes	1	Yes	2	No			No	No
	St. Joseph's School	Bay City	2	Yes	Steam	Yes	2	Yes	6	No	20	150	No	No
Jan. 22	Sherman School	Bay City	2	Yes	Steam	Yes	2	Yes	9	No	20	75	Yes	Yes
Jan. 22	Woodside School	Bay City	2	No	Steam	Yes	2	Yes	8	No	24	125	Yes	Yes
Jan. 22	Dorson School	Bay City	2	Yes	Steam	Yes	2	Yes	12	No	20	175	Yes	Yes
Jan. 22	High School	Bay City	2	No	Steam	Yes	3	Yes	23	No	24	225	Yes	Yes
Feb. 2	School District No. 1	Bently	1	No	Heaters	Yes		Yes	2				No	No
Feb. 2	Shore District No. 3	Bently	1	No	Stoves	Yes		No	2				No	No
Feb. 2	Beaver District No. 1 School	Beaver	1	No	Stoves	Yes		Yes	2				No	No
Feb. 2	Shore District No. 2	Beaver	1	No	Heater	Yes		Yes					No	No
Feb. 2	Shore District No. 3	Beaver	1	No	Stoves	Yes		No	1				No	No
Jan. 22	Essexville School	Essexville	2	No	Steam	Yes	2	Yes	4	No	22	40	Yes	Yes
Jan. 22	St. Johns School	Essexville	2	No	Hot air	Yes	2	Yes	6	No	20	30	Yes	Yes
Feb. 2	Frankenlust School	Frankenlust	1	No	Heaters	Yes		Yes	3				No	No
Feb. 2	Shore District No. 1	Frazer	1	No	Stoves	Yes		No	1				No	No
Feb. 2	Shore District No. 1	Frazer	1	No	Heaters	Yes		No	1				No	No

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Feb. 2	School District No. 5	Frazer	1	No	Heaters	Yes		No	2				No	No
Feb. 2	School District No. 1	Garfield	1	No	Heaters	Yes		No	1				No	No
Feb. 2	District School No. 1	Hampton	1	No	Steam	Yes		Yes	2				No	No
Feb. 2	District School No. 5	Hampton	1	No	Steam	Yes		Yes	2				No	No
Oct. 30	School house	Kawkawlin	1	No	Stoves	Yes	1	Yes	2				Yes	Yes
Feb. 2	District School house No. 5	Kawkawlin	1	No	Stoves	Yes		Yes	2				No	No
Feb. 2	District School house No. 6	Kawkawlin	1	No	Stoves	Yes		No	2				No	No
Oct. 22	District School Fractional No. 1	Linwood	1	No	Stoves	Yes	2	No	2	Yes			No	No
Feb. 2	District School No. 1	Merrit	1	No	Stoves	Yes		No	2				No	No
Feb. 2	District School No. 5	Merrit	1	No	Heaters	Yes		Yes	1				No	No
Feb. 2	District School No. 1	Monitor	1	No	Heaters	Yes		No	1				No	No
Feb. 2	District School No. 3	Monitor	1	No	Heaters	Yes		Yes					No	No
Feb. 2	District School No. 1	Mt. Forest	1	No	Heaters	Yes		No	1				No	No
Feb. 2	District School No. 3	Mt. Forest	1	No	Stoves	Yes		No	2				No	No
Jan. 30	Pinconning School	Pinconning	2	No	Steam	Yes	3	Yes	8	Yes	24	100	Yes	Yes
Feb. 2	District School No. 3	Pinconning	1	No	Heaters	Yes		No	1				No	No
Feb. 2	District School No. 3	Portsmouth	1	No	Steam	Yes		Yes	1				No	No
Feb. 2	District School No. 5	Portsmouth	1	No	Steam	Yes		Yes	2				No	No
	Benzie County.													
Oct. 15	Alberta Public School	Alberta	2	Yes	Steam	Yes	2	Yes	8	Yes	25	140	Yes	Yes
Oct. 21	Benzonia School	Benzonia	2	Yes	Steam	Yes	2	Yes	7	Yes	25	100	Yes	Yes
Oct. 21	Public High School	Frankfort	2	Yes	Steam	Yes	1	Yes	12	Yes	18	150	Yes	Yes
Oct. 21	Honor Public School	Honor	2	Yes	Steam	Yes	1	Yes	6	Yes	18	90	Yes	Yes
Oct. 14	Thompsonville School	Thompsonville	2	Yes	Steam	Yes	1	Yes	7	Yes	18	110	Yes	Yes
	Berrien County.													
Nov. 7	Baroda High School	Baroda	2	No	Steam		2	Yes	5	No	14	70	Yes	Yes
June 10	Bertain Ave. School	Benton Harbor	2	Yes	Steam	Yes	2	Yes	8	Yes	19	170	Yes	Yes
June 10	Central School	Benton Harbor	3	Yes	Steam	Yes	1	No	14	Yes	21	240	Yes	Yes
June 10	Columbus Ave. School	Benton Harbor	2	No	Steam	Yes	2	Yes	18	Yes	17	150	Yes	Yes
June 10	High School	Benton Harbor	2	Yes	Steam	Yes		Yes	16	Yes	20	150	Yes	Yes
June 10	McCord School	Benton Harbor	2	No	Steam	Yes	2	Yes	4	Yes	19	50	Yes	Yes
June 10	Morton Hill School	Benton Harbor	2	Yes	Steam	Yes	2	Yes	8	Yes	18	130	Yes	Yes
June 27	Berrien Springs School	Berrien Springs	2	No	Steam	Yes	3	Yes	9	Yes	19		No	Yes
Oct. 28	Buchanan District School No. 1	Buchanan	2	Yes	Hot air	Yes	2	Yes	11	Yes	20	102	Yes	Yes
Oct. 28	Primary Building	Buchanan	2	No	Hot air	No	1	Yes	4	Yes	14	84	Yes	Yes
June 23	Coloma Public School	Coloma	2	Yes	Steam	Yes	1	Yes	7	Yes	19	90	Yes	Yes
June 26	Eau Claire School	Eau Claire	2	No	Hot air	Yes	1	Yes	6	Yes	19	35	Yes	Yes
Nov. 7	Galien School	Galien	2	No	Steam	Yes	2	Yes	4	Yes	18	67	Yes	Yes
Oct. 4	District School No. 1	Millburg	2	Yes	Hot air	Yes	2	Yes	3	Yes	14	65	Yes	No
Nov. 5	New Buffalo School	New Buffalo	2	No	Steam	Yes	1	Yes	4	Yes	14	39	No	No

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	Berrien Co.—*Con.*													
Oct. 16	Old School Central Building	Niles	3	Yes	Steam	Yes	2	Yes	13	No	16	140	Yes	Yes
Oct. 10	Eagle St. School	Niles	1	No	Hot air	Yes		No	2	No			No	No
Oct. 16	Ferry St. School	Niles	1	No	Hot air	Yes	2	Yes	2	No			No	No
Oct. 16	High School	Niles	3	No	Steam	Yes	7	Yes	15	No	16	245	Yes	No
Oct. 16	Third Ward School	Niles	1	No	Hot air	Yes	2	Yes	3	No			No	No
Oct. 15	Fourth Ward School	Niles	1	No	Hot air	Yes	1	Yes	4	No			No	No
Oct. 15	Lacy School	Niles	1	No	Stove	Yes		No	2	No			No	No
Oct. 15	North Primary School	Niles	1	No	Stove			No	1	No			No	No
June 20	Garfield School	St. Joseph	2	No	Steam	Yes	2	Yes	8	Yes	20	150	Yes	Yes
June 20	High School	St. Joseph	4	Yes	Steam	Yes	2	Yes	16	Yes	18	270	Yes	Yes
June 20	Lincoln School	St. Joseph	2	No	Steam	Yes	2	Yes	8	Yes	18	160	Yes	Yes
Nov. 6	Three Oaks School	Three Oaks	2	Yes	Steam	Yes	1	Yes	6	Yes	22	63	Yes	Yes
Nov. 6	Three Oaks School	Three Oaks	2	Yes	Steam	Yes	1	Yes	6	Yes	18	102	Yes	Yes
June 25	Watervliet School	Watervliet	2	Yes	Steam	Yes	2	Yes	8	Yes	21	110	Yes	Yes
	Branch County.													
Aug. 1	Athens High School	Athens	3	No	Steam	Yes	2	Yes	8	No	20	120	Yes	Yes
Aug. 20	Bronson High School	Bronson	2	Yes	Steam	Yes	1	Yes	7	No	22	120	Yes	Yes
Dec. 3	High School	Bronson	2	No	Hot air	Yes	6	Yes	14	No	20	400	Yes	Yes
Aug. 19	Day School Building	Coldwater	2	Yes	Steam	Yes	1	No	4	No	20	75	No	No
Aug. 18	Lincoln School	Coldwater	2	Yes	Steam	Yes	4	Yes	12	Yes	20	370	Yes	Yes
Aug. 19	Franklin School	Coldwater	2	Yes	Hot air	Yes	1	Yes	4	Yes	22	70	Yes	Yes
Aug. 18	Longfellow School	Coldwater	2	Yes	Hot air	Yes	1	Yes	5	Yes	22	65	Yes	Yes
Aug. 18	Washington	Coldwater	2	Yes	Hot air	Yes	1	Yes	6	Yes		100	No	Yes
July 31	Union City High School	Union City	3	Yes	Steam	Yes	2	Yes	8	No	25	80	Yes	Yes
Aug. 20	Quincy High School	Union City	2	No	Steam	Yes	2	Yes	6	Yes	22	210	Yes	Yes

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	Calhoun County.													
Sept. 9	Chas. F. Austin School	Albion	2	No	Hot air	Yes	1	Yes	8	Yes	20	120	Yes	Yes
Sept. 9	Central School Building	Albion	3	Yes	Steam	Yes	2	No	9	None	22	175	Yes	Yes
Sept. 12	Chemical Laboratory	Albion	3	Yes	Steam	Yes	1	Yes	10	None	22	50	No	No
Sept. 12	Albion College	Albion	2	No	Steam	Yes	3	No		None	16	700	No	No
Sept. 9	East Wing School	Albion	1	No	Steam			No				80	No	No
Sept. 12	North Building	Albion	3	Yes	Steam	Yes	2	No	6	None	14	60	No	No
Sept. 12	Robinson Hall	Albion	4	No	Steam	Yes	2	Yes	12	None	10	150	No	No
Sept. 9	West Wing School	Albion	2	No	Steam	Yes	2	Yes	4	None	22	80	No	No
Feb. 20	Athens Public School	Athens	2	No	Steam	Yes	2	Yes	8	Yes	20	125	Yes	Yes
Oct. 28	B. C. Academy	Battle Creek	2	Yes	Hot air	Yes	1	Yes	6	None	18	65	Yes	Yes
Oct. 29	Battle Creek School No. 1	Battle Creek	3	Yes	Steam	Yes	3	Yes	23	None	22	475	Yes	Yes
Oct. 29	Battle Creek School No. 2	Battle Creek	2	Yes	Steam	Yes	2	Yes	17	None	22	300	Yes	Yes
Oct. 29	Battle Creek School No. 3	Battle Creek	2	Yes	Hot air	Yes	1	Yes	8	None	18	160	Yes	Yes
Oct. 28	Battle Creek School No. 4	Battle Creek	2	No	Hot air	Yes	2	Yes	8	Yes	20	160	Yes	Yes
Oct. 29	Battle Creek School No. 5	Battle Creek	2	No	Steam	Yes	2	Yes	12	None	20	225	Yes	No
Oct. 29	Battle Creek School No. 6	Battle Creek	2	Yes	Hot air	Yes	1	Yes	4	None	20	88	Yes	No
Oct. 29	Battle Creek School No. 7	Battle Creek	1	No	Hot air	Yes		Yes	2	None			No	No
Oct. 28	Battle Creek School No. 8	Battle Creek	3	Yes	Hot air	Yes	2	Yes	10	None	20	240	Yes	Yes
Oct. 29	Battle Creek School No. 9	Battle Creek	2	Yes	Steam	Yes	2	No	10	None	20	160	Yes	Yes
Oct. 28	Battle Creek School No. 10	Battle Creek	2	No	Hot air	Yes	1	Yes	3	Yes	14	40	Yes	Yes
Nov. 3	St. Phillips	Battle Creek	2	No	Steam	Yes	1	Yes	4	None	22	85	Yes	No
Sept. 17	Homer High School	Homer	3	Yes	Steam	Yes	2	Yes	7	None	22	108	Yes	Yes
Feb. 14	Homer Public School	Homer	2	Yes	Steam	Yes	2	Yes	8	Yes	22	130	Yes	Yes
Sept. 9	Capital Hill School	Marshall	1	No	Hot air	Yes		No	1	None			Yes	No
Sept. 9	Central School	Marshall	2	Yes	Steam	Yes	2	Yes	2	None	22	150	No	No
Sept. 9	Marshall High School	Marshall	2	No	Steam	Yes	2	Yes	8	None	20	165	Yes	Yes
Sept. 9	Park School	Marshall	2	No	Steam	Yes	4	Yes	4	None	20	55	Yes	Yes
Sept. 9	Pierce School	Marshall	1	No	Steam	Yes		Yes	3	None			Yes	Yes
Sept. 9	West Ward	Marshall	1	No	Stoves			No	2	None			Yes	No
Feb. 26	Tekonsha School	Tekonsha	2	Yes	Furnace	Yes	2	Yes	5	Yes	21	85	Yes	Yes
	Cass County.													
Oct.	Cassopolis School	Cassopolis	2	Yes	Steam	Yes	3	Yes	10	None	24	130	Yes	Yes
Sept. 24	Dowagiac School	Dowagiac	2	No	Steam	Yes	4	Yes	16	Yes	22	220	Yes	Yes
Sept. 23	Dowagiac School	Dowagiac	2	No	Hot air	Yes	4	Yes	13	Yes	24	225	Yes	Yes
Sept. 24	Lincoln School	Dowagiac	2	No	Steam	Yes	1	Yes	5	Yes	20	40	Yes	Yes
Sept. 24	McKinley School	Dowagiac	2	No	Hot air	Yes	2	Yes	5	Yes	20	40	Yes	Yes
Oct. 7	Marcellus School	Marcellus	2	Yes	Stoves	Yes	2	Yes	7	Yes	24	127	Yes	Yes
Oct. 13	Pokagon School	Pokagon	2	No	Stoves		1	Yes	2	None	16		No	No
Oct. 2	Vandalia School	Vandalia	2	Yes	Steam	Yes	1	Yes	5	None	18	40	Yes	Yes

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	BERRIEN CO.—*Con.*													
Oct. 16	Old School Central Building	Niles	3	Yes	Steam	Yes	2	Yes	13	No	16	140	Yes	Yes
Oct. 10	Eagle St. School	Niles	1	No	Hot air	Yes		No	2	No			No	No
Oct. 16	Ferry St. School	Niles	1	No	Hot air	Yes	2	Yes	2	No			No	No
Oct. 16	High School	Niles	3	No	Steam	Yes	7	Yes	15	No	16	245	Yes	No
Oct. 16	Third Ward School	Niles	1	No	Hot air	Yes	2	Yes	3	No			No	No
Oct. 15	Fourth Ward School	Niles	1	No	Hot air	Yes	1	Yes	4	No			No	No
Oct. 15	Lacy School	Niles	1	No	Stove	Yes		No	2	No			No	No
Oct. 15	North Primary School	Niles	1	No	Stove			No	1	No			No	No
June 20	Garfield School	St. Joseph	2	No	Steam	Yes	2	Yes	8	Yes	20	150	Yes	Yes
June 20	High School	St. Joseph	4	Yes	Steam	Yes	2	Yes	16	Yes	18	270	Yes	Yes
June 20	Lincoln School	St. Joseph	2	No	Steam	Yes	2	Yes	8	Yes	18	160	Yes	Yes
Nov. 6	Three Oaks School	Three Oaks	2	Yes	Steam	Yes	1	Yes	6	Yes	22	63	Yes	Yes
Nov. 6	Three Oaks School	Three Oaks	2	Yes	Steam	Yes	1	Yes	6	Yes	18	102	Yes	Yes
June 25	Watervliet School	Watervliet	2	Yes	Steam	Yes	2	Yes	8	Yes	21	110	Yes	Yes
	BRANCH COUNTY.													
Aug. 1	Athens High School	Athens	3	No	Steam	Yes	2	Yes	8	No	20	120	Yes	Yes
Aug. 20	Bronson High School	Bronson	2	Yes	Steam	Yes	1	Yes	7	No	22	120	Yes	Yes
Dec. 3	High School	Bronson	2	No	Hot air	Yes	6	Yes	14	No	20	400	Yes	Yes
Aug. 19	Day School Building	Coldwater	2	Yes	Steam	Yes	1	No	4	No	20	75	No	No
Aug. 18	Lincoln School	Coldwater	2	Yes	Steam	Yes	4	Yes	12	Yes	20	370	Yes	Yes
Aug. 19	Franklin School	Coldwater	2	Yes	Hot air	Yes	1	Yes	4	Yes	22	70	Yes	Yes
Aug. 18	Longfellow School	Coldwater	2	Yes	Hot air	Yes	1	Yes	5	Yes	22	65	Yes	Yes
Aug. 18	Washington	Coldwater	2	Yes	Hot air	Yes	1	Yes	6	Yes		100	No	Yes
July 31	Union City High School	Union City	3	Yes	Steam	Yes	2	Yes	8	No	25	80	Yes	Yes
Aug. 20	Quincy High School	Union City	2	No	Steam	Yes	2	Yes	6	Yes	22	210	Yes	Yes

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	CALHOUN COUNTY.													
Sept. 9	Chas. F. Austin School	Albion	2	No	Hot air	Yes	1	Yes	8	Yes	20	120	Yes	Yes
Sept. 9	Central School Building	Albion	3	Yes	Steam	Yes	2	No	9	None	22	175	Yes	Yes
Sept. 12	Chemical Laboratory	Albion	3	Yes	Steam	Yes	1	Yes	10	None	22	50	No	No
Sept. 12	Albion College	Albion	2	No	Steam	Yes	3	No		None	16	700	No	No
Sept. 9	East Wing School	Albion	1	No	Steam			No				80	No	No
Sept. 12	North Building	Albion	3	Yes	Steam	Yes	2	No	6	None	14	60	No	No
Sept. 12	Robinson Hall	Albion	4	No	Steam	Yes	2	Yes	12	None	10	150	No	No
Sept. 9	West Wing School	Albion	2	No	Steam	Yes	2	Yes	4	None	22	80	No	No
Feb. 20	Athens Public School	Athens	2	No	Steam	Yes	2	Yes	8	Yes	20	125	Yes	Yes
Oct. 28	B. C. Academy	Battle Creek	2	Yes	Hot air	Yes	1	Yes	6	None	18	65	Yes	Yes
Oct. 29	Battle Creek School No. 1	Battle Creek	3	Yes	Steam	Yes	3	Yes	23	None	22	475	Yes	Yes
Oct. 29	Battle Creek School No. 2	Battle Creek	2	Yes	Steam	Yes	2	Yes	17	None	22	300	Yes	Yes
Oct. 29	Battle Creek School No. 3	Battle Creek	2	Yes	Hot air	Yes	1	Yes	8	None	18	160	Yes	Yes
Oct. 28	Battle Creek School No. 4	Battle Creek	2	No	Hot air	Yes	2	Yes	8	Yes	20	160	Yes	Yes
Oct. 29	Battle Creek School No. 5	Battle Creek	2	No	Steam	Yes	2	Yes	12	None	20	225	Yes	No
Oct. 29	Battle Creek School No. 6	Battle Creek	2	Yes	Hot air	Yes	1	Yes	4	None	20	88	Yes	No
Oct. 29	Battle Creek School No. 7	Battle Creek	1	No	Hot air	Yes		Yes	2	None			No	No
Oct. 28	Battle Creek School No. 8	Battle Creek	3	Yes	Hot air	Yes	2	Yes	10	None	20	240	Yes	Yes
Oct. 29	Battle Creek School No. 9	Battle Creek	2	Yes	Steam	Yes	2	No	10	None	20	160	Yes	Yes
Oct. 28	Battle Creek School No. 10	Battle Creek	2	No	Hot air	Yes	1	Yes	3	Yes	14	40	Yes	Yes
Nov. 3	St. Phillips	Battle Creek	2	No	Steam	Yes	1	Yes	4	None	22	85	Yes	No
Sept. 17	Homer High School	Homer	3	Yes	Steam	Yes	2	Yes	7	None	22	108	Yes	Yes
Feb. 14	Homer Public School	Homer	2	Yes	Steam	Yes	2	Yes	8	Yes	22	130	Yes	Yes
Sept. 9	Capital Hill School	Marshall	1	No	Hot air	Yes		No	1	None			Yes	No
Sept. 9	Central School	Marshall	2	Yes	Steam	Yes	2	Yes	2	None	22	150	No	No
Sept. 9	Marshall High School	Marshall	2	No	Steam	Yes	2	Yes	8	None	20	165	Yes	Yes
Sept. 9	Park School	Marshall	2	No	Steam	Yes	4	Yes	4	None	20	55	Yes	Yes
Sept. 9	Pierce School	Marshall	1	No	Steam	Yes		Yes	3	None			Yes	Yes
Sept. 9	West Ward	Marshall	1	No	Stoves			No	2	None			Yes	No
Feb. 26	Tekonsha School	Tekonsha	2	Yes	Furnace	Yes	2	Yes	5	Yes	21	85	Yes	Yes
	CASS COUNTY.													
Oct.	Cassopolis School	Cassopolis	2	Yes	Steam	Yes	3	Yes	10	None	24	130	Yes	Yes
Sept. 24	Dowagiac School	Dowagiac	2	No	Steam	Yes	4	Yes	16	Yes	22	220	Yes	Yes
Sept. 23	Dowagiac School	Dowagiac	2	No	Hot air	Yes	4	Yes	13	Yes	24	225	Yes	Yes
Sept. 24	Lincoln School	Dowagiac	2	No	Steam	Yes	1	Yes	5	Yes	20	40	Yes	Yes
Sept. 24	McKinley School	Dowagiac	2	No	Hot air	Yes	2	Yes	5	Yes	20	40	Yes	Yes
Oct. 7	Marcellus School	Marcellus	2	Yes	Stoves	Yes	2	Yes	7	Yes	24	127	Yes	Yes
Oct. 13	Pokagon School	Pokagon	2	No	Stoves		1	Yes	2	None	16		No	No
Oct. 2	Vandalia School	Vandalia	2	Yes	Steam	Yes	1	Yes	5	None	18	40	Yes	Yes

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	CHARLEVOIX COUNTY.													
June 6	Central School Building	Boyne City	2	Yes	Steam	Yes	5	Yes	28	Yes	24	400	Yes	Yes
June 6	First Ward Building	Boyne City	2	Yes	Steam	Yes	1	Yes	4	Yes	24	60	Yes	Yes
June 6	Second Ward Building	Boyne City	2	No	Steam	Yes	2	Yes	4	Yes	24	80	Yes	Yes
May 26	Boyne Falls School	Boyne Falls	2	Yes	Steam	Yes	2	Yes	4	Yes	18	18	Yes	Yes
June 2	Central School	Charlevoix	2	No	Steam	Yes	2	Yes	8	None	20	115	Yes	Yes
May 21	Clarion School	Clarion	1	No	Furnace	Yes		Yes	2	Yes			Yes	No
June 2	Lincoln School	Charlevoix	1	No	Hot air	Yes		Yes	2	None			Yes	No
June 2	McKinley School	Charlevoix	2	Yes	Steam	Yes	1	Yes	10	None	20	110	Yes	Yes
June 2	St. Marys School	Charlevoix	2	No	Hot air	Yes	1	Yes	4	Yes	16	25	Yes	Yes
June 2	Washington School	Charlevoix	1	No	Hot air	Yes	1	Yes	2				Yes	No
June 18	Central High School	East Jordan	2	No	Steam	Yes	2	Yes	7	No	20	110	Yes	Yes
June 18	Grammar School	East Jordan	2	Yes	Steam	Yes	3	Yes	7	Yes	20	125	Yes	Yes
June 19	St. Josephs School	East Jordan	2	No	Hot air	Yes	1	Yes	4	Yes	18		Yes	Yes
June 18	West Side School	East Jordan	2	Yes	Steam	Yes	3	Yes	4	No	22	75	Yes	Yes
June 23	Walloon Lake School	Walloon Lake	1	No	Furnace	Yes		Yes	2	Yes			Yes	Yes
	CHEBOYGAN COUNTY.													
Nov. 6	Central School	Cheboygan	2	No	Steam	Yes	7	Yes	11		16	194	Yes	Yes
Nov. 6	Cheboygan School	Cheboygan	3	Yes	Steam	Yes	5	Yes	12		16	170	Yes	Yes
Nov. 6	Eastern Ave. School	Cheboygan	1	No	Stoves		1	Yes	2	Yes			No	No
Nov. 6	Gabrath School	Cheboygan	2	No	Hot air	Yes	4	Yes	4	Yes	15	90	Yes	Yes
Nov. 6	Greow School	Cheboygan	2	No	Hot air		4	Yes	4		14	60	Yes	Yes
Nov. 6	Lincoln School	Cheboygan	1	No	Stoves	Yes		Yes	1				No	No
Nov. 6	Mackinac Ave. School	Cheboygan	1	No	Stoves		1	Yes	2	Yes			No	No
Nov. 6	Patersonville School	Cheboygan	1	No	Stoves		2	Yes	2	Yes			No	No
Nov. 6	St. Charles School	Cheboygan	2	No	Hot air	Yes	1	Yes	3		15		Yes	Yes
Nov. 6	St. Marys School	Cheboygan	2	Yes	Steam	Yes	2	Yes	4	Yes	16	8	Yes	Yes

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	Chippewa County.													
Sept. 5	Roosevelt School	Front Lake	2	No	Stoves		1	Yes	4	Yes	16	20	No	No
Sept. 24	Garfield School	Sault Ste. Marie	2	Yes	Steam	Yes	2	Yes	8	Yes	16	90	Yes	Yes
Sept. 24	High School	Sault Ste. Marie	2	Yes	Steam	Yes	4	Yes	11	Yes	16	140	Yes	Yes
Sept. 26	Lincoln School	Sault Ste. Marie	2	Yes	Steam	Yes	5	Yes	9		16	210	Yes	Yes
Sept. 29	Park School	Sault Ste. Marie	2	Yes	Steam	Yes	9	Yes	8		20	160	Yes	Yes
	Clinton County.													
Dec. 19	Bath High School	Bath	2	Yes	Steam	Yes	1	Yes	3	Yes	16	24	Yes	Yes
Dec. 17	De Witt Public School	De Witt	2	Yes	Hot air	Yes	1	Yes	5	Yes	20	50	Yes	Yes
Dec. 17	Eagle School	Eagle	1	No	Stoves	Yes	2	Yes	2	Yes			Yes	No
Dec. 16	Central School	St. Johns	2	Yes	Steam	Yes	2	Yes	24	Yes		215	Yes	Yes
Dec. 16	Wacousta School	Wacousta	2	Yes	Steam	Yes	1	Yes	3	Yes	16	38	Yes	Yes
Dec. 18	Catholic School	Westphalia	2	No	Steam	Yes	4	Yes	4	Yes	16	100	Yes	Yes
	Crawford County.													
Oct. 7	De Ward School District No. 4	De Ward	1	No	Stoves	Yes		Yes	3				Yes	Yes
Oct. 7	School House District No. 1	Frederic	2	Yes	Hot air	Yes	1	Yes	4		20	39	Yes	Yes
Oct. 8	Grayling School	Grayling	2	No	Steam	Yes	3	Yes	11	Yes	18	190	Yes	Yes
	Delta County.													
Dec. 28	Rapid River School	Rapid River	3	No	Steam	Yes	2	Yes	9	No	25	220	Yes	Yes
	Eaton County.													
Aug. 8	Bellevue School	Bellevue	2	No	Steam	Yes	4	Yes	9	No	22	120	Yes	Yes
Aug. 8	Grammar School	Charlotte	2	No	Hot air	Yes	1	Yes	4	No	20	60	Yes	Yes
Aug. 4	Hawthorne School	Charlotte	2	Yes	Steam	Yes	2	No	8	No	22	110	Yes	Yes
Aug. 4	High School Building	Charlotte	2	No	Hot air	Yes	2	No	8	No	22	16	Yes	Yes
Aug. 4	Longfellow School	Charlotte	2	Yes	Hot air	Yes	1	Yes	4	Yes	22	60	Yes	Yes
Aug. 4	Troebel School	Charlotte	1	No	Hot air	Yes	2	Yes	2	No			Yes	No
Aug. 5	Chapel School	Dimondale	1	No	Stove	Yes		Yes	1	No			No	No
Aug. 5	Windsor School	Dimondale	2	Yes	Hot air	Yes	1	Yes	3	No	16	30	Yes	No
Aug. 4	East School Building	Eaton Rapids	2	Yes	Steam	Yes	2	Yes	4	Yes	22	45	Yes	No
Aug. 4	High School Building	Eaton Rapids	2	No	Steam	Yes	2	Yes	6	No	22	155	Yes	No
Aug. 6	High School Building	Grand Ledge	2	Yes	Steam	Yes	2	No	16	Yes	22	165	Yes	Yes
Aug. 6	School Building Ward No. 2	Grand Ledge	2	Yes	Steam	Yes	1	No	6	No	22	90	Yes	Yes
Aug. 6	Olivet High School	Olivet	2	Yes	Steam	Yes	3	Yes	6	None	22	125	No	Yes
Aug. 8	Shepherd Hall	Olivet	4	Yes	Steam	Yes	2	No	40	Yes	18	40	Yes	Yes
Aug. 26	Potterville High School	Potterville	2	No	Steam	Yes	1	Yes	4	None	20	25	No	No
Aug. 28	Sunfield High School	Sunfield	2	Yes	Hot air	Yes	1	Yes	3	None	20	60	Yes	Yes

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	Emmet County.													
July 23	Alanson Public School	Alanson	2	Yes	Hot water	Yes	2	Yes	6	Yes	14	100	Yes	Yes
Aug. 5	Harbor Springs School	Harbor Springs	3	Yes	Steam	Yes	2	Yes	16	Yes	18	.....	Yes	Yes
July 25	Pelston Public School	Pelston	2	Yes	Steam	Yes	6	Yes	6	Yes	18	120	Yes	Yes
July 25	Primary School	Pelston	2	No	Steam	Yes	1	Yes	4	Yes	14	.....	Yes	Yes
Aug. 21	Lincoln School	Emmet	2	Yes	Hot air	Yes	4	Yes	4	Yes	18	70	Yes	Yes
Aug. 21	Petoskey High School	Petoskey	2	No	Hot air	Yes	11	Yes	16	Yes	16	150	Yes	Yes
Aug. 21	Sheridan Street School	Petoskey	2	Yes	Steam	Yes	4	Yes	4	.....	20	80	Yes	Yes
	Genesee County.													
Sept. 10	Davison School	Davison	2	Yes	Steam	Yes	2	Yes	5	Yes	15	140	Yes	No
Dec. 6	Doyle School	Flint	2	No	Steam	Yes	2	Yes	16	Yes	20	240	Yes	Yes
Dec. 6	Dort School	Flint	2	No	Steam	Yes	2	No	24	Yes	20	350	Yes	Yes
Dec. 6	Haselton School	Flint	2	Yes	Steam	Yes	2	Yes	10	Yes	16	160	Yes	Yes
Dec. 6	Keanley School	Flint	1	No	Steam	Yes	2	Yes	5	Yes	.....	.....	Yes	Yes
Dec. 6	New Clark School	Flint	2	No	Steam	Yes	2	Yes	16	Yes	16	320	Yes	Yes
Dec. 6	Oak Street School	Flint	2	No	Steam	Yes	2	Yes	12	Yes	20	240	Yes	Yes
Dec. 6	Rankin School	Flint	2	Yes	Hot air	Yes	2	Yes	6	Yes	16	120	Yes	Yes
Jan. 15	School for the Deaf	Flint	3	Yes	Steam	Yes	2	Yes	.....	.....	.....	.....	No	No
Dec. 6	Stevenson School	Flint	2	No	Steam	Yes	2	Yes	16	Yes	20	240	Yes	Yes
Dec. 6	Walker School	Flint	2	No	Steam	Yes	2	Yes	17	Yes	20	240	Yes	Yes
Sept. 11	Flushing School	Flushing	2	Yes	Hot air	.....	2	Yes	4	Yes	12	76	Yes	Yes
Sept. 10	Goodrich School	Goodrich	2	Yes	Steam	Yes	2	Yes	3	Yes	15	40	Yes	No
Sept. 8	Grand Blanc School	Grand Blanc	1	No	Hot air	.....	.....	Yes	4	Yes	.....	.....	No	No
Sept. 11	Vil School	Montrose	1	No	Stove	.....	.....	Yes	2	.....	.....	.....	No	No
	Gladwin County.													
Oct. 14	Beaverton School	Beaverton	2	No	Steam	Yes	1	Yes	6	.....	20	55	Yes	Yes
Oct. 15	Gladwin School	Gladwin	2	Yes	Steam	Yes	3	Yes	8	.....	20	155	Yes	Yes

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	Gogebic County.													
Dec. 30	Ashland School	Ironwood	2	Yes	Steam	Yes	4	Yes	4	Yes	22	75	Yes	Yes
Dec. 30	Aurora School	Ironwood	2	Yes	Steam	Yes	4	Yes	4	Yes	22	80	Yes	Yes
Dec. 30	Domestic Science Building	Ironwood	2	Yes	Steam	Yes	4	Yes	6	Yes	22	48	No	No
Dec. 30	Froubel Kindergarten	Ironwood	1	No	Steam	Yes	1	Yes	1	Yes			Yes	Yes
Dec. 30	Wright High School	Ironwood	3	Yes	Steam	Yes	8	Yes	16	Yes	24	365	Yes	Yes
Dec. 30	Manual Training Building	Ironwood	2	No	Steam	Yes	3	Yes	6	Yes	22	48	No	No
Dec. 30	Northside School	Ironwood	2	Yes	Steam	Yes	4	Yes	8	Yes	22	130	Yes	Yes
Dec. 30	Newport School	Ironwood	2	Yes	Steam	Yes	4	Yes	4	Yes	22	75	Yes	Yes
Dec. 30	Norrie School	Ironwood	2	Yes	Steam	Yes	6	Yes	6	Yes	22	125	Yes	Yes
Dec. 30	Oliver School	Ironwood	2	Yes	Steam	Yes	6	Yes	8	Yes	22	175	Yes	Yes
Dec. 30	St. Ambrose School	Ironwood	3	Yes	Steam	Yes	5	Yes	16	Yes	16	300	Yes	Yes
	Grand Traverse County.													
Oct. 6	Central High School	Traverse City	2	Yes	Steam	Yes	2	Yes	20	Yes	20	400	Yes	Yes
Oct. 6	Elmwood School	Traverse City	2	Yes	Steam	Yes	2	Yes	10	Yes	20	150	Yes	Yes
Oct. 7	Traverse City School	Traverse City	2	No	Steam	Yes	2	Yes	3	No	20		Yes	No
Oct. 6	Oak Park School	Traverse City	2	Yes	Steam	Yes	4	Yes	12	Yes	22	150	Yes	Yes
Oct. 7	St. Francis School	Traverse City	2	No	Steam	Yes	1	Yes	6	Yes	18	35	Yes	Yes
Oct. 6	Union Street School	Traverse City	2	Yes	Steam	Yes	4	Yes	8	Yes	20	160	Yes	Yes
	Gratiot County.													
Aug. 19	Alma High School	Alma	2	Yes	Steam	Yes	11	Yes	24	Yes	16	100	Yes	Yes
Aug. 19	Grammar School	Alma	2	No	Steam	Yes	6	Yes	11	Yes	20	80	Yes	Yes
Aug. 12	Ashley School	Ashley	2	Yes	Steam	Yes	2	Yes	6	Yes	18	60	Yes	No
Aug. 15	Ithaca School	Ithaca	2	No	Steam	Yes	8	Yes	22	Yes	22	300	Yes	Yes
June 4	North Star District No. 1	North Star	1	No	Steam	Yes	1	Yes	2	None			No	No
Aug. 14	North Star School	North Star	1	No	Steam	Yes	2	Yes	2	Yes			No	No
Aug. 14	Pompeii School	Pompeii	1	No	Steam	Yes	1	Yes	2	Yes			No	No
Aug. 20	St. Louis High School	St. Louis	2	Yes	Steam	Yes	6	Yes	9	Yes	22	150	No	No
	Hillsdale County.													
Nov. 20		Camden	2	No	Steam	Yes	3	No	7	Yes	7	122	No	No
Nov. 18	Bacon Street School	Hillsdale	1	No	Steam	Yes	2	Yes	2	Yes			No	No
Nov. 18	Hillsdale School	Hillsdale	3	No	Steam	Yes	4	Yes	14	Yes	16	260	No	No
Nov. 18	Hillsdale Central Building	Hillsdale	3	No	Steam	Yes	2	Yes	10	Yes	18	167	Yes	Yes
Nov. 18	Lake View School	Hillsdale	2	No	Steam	Yes	3	Yes	3	Yes	15	58	No	No

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	HILLSDALE CO.—*Con.*													
Nov. 18	Lincoln School	Hillsdale	1	No	Steam	Yes	2	Yes	3	No			No	No
Nov. 18	Paul Revere School	Hillsdale	1	No	Steam	Yes	1	Yes	5	Yes			No	No
Nov. 20	Reading Public School	Reading	2	No	Steam	Yes	3	Yes	17	Yes	20	95	No	No
Nov. 3	Third Ward School	Hudson	2	No	Steam	Yes	6	Yes	6	No	17	75	Yes	Yes
Nov. 25	Jonesville High School	Jonesville	3	Yes	Steam	Yes	2	Yes	9	Yes		170	Yes	Yes
Jan. 3	Keweenaw Bay School	Keweenaw Bay	1	No	Stove			Yes	2	Yes			Yes	Yes
Nov. 25	High School No. 2	Litchfield	2	No	Steam	Yes	2	Yes	7	Yes	18	104	Yes	No
Nov. 21	Montgomery High School	Montgomery	1	No	Steam	Yes	2	Yes	7	No	8	175	Yes	Yes
Nov. 26	North Adams School	North Adams	2	Yes	Steam	Yes	3	Yes	8	Yes	16	60	Yes	Yes
Nov. 27	Waldron School	Waldron	1	No	Steam	Yes	2	No	4	No		155	No	No
Sept. 8	District No. 4 School	Wright Township	1	No	Stove			Yes	1	None			No	No
	HOUGHTON COUNTY.													
Jan. 2	Atlantic Mine School	Atlantic Mine	2	Yes	Steam	Yes	2	Yes	10	Yes	18	175	Yes	Yes
Jan. 21	Baltic School	Baltic	2	Yes	Steam	Yes	1	Yes	6	Yes	18	130	Yes	Yes
Nov. 26	Albion School	Calumet	2	Yes	Steam	Yes	1	Yes	6	Yes	14	60	Yes	Yes
Nov. 26	Franklin School	Calumet	2	Yes	Steam	Yes	2	Yes	8	Yes	16	140	Yes	Yes
Nov. 26	Garfield School	Calumet	2	Yes	Steam	Yes	1	Yes	4	Yes	14	65	Yes	Yes
Nov. 26	Grant School	Calumet	2	Yes	Steam	Yes	2	Yes	8	Yes	16	160	Yes	Yes
Nov. 26	Hamilton School	Calumet	2	Yes	Steam	Yes	1	Yes	6	Yes	17	150	Yes	Yes
Nov. 26	Jefferson School	Calumet	2	Yes	Steam	Yes	1	Yes	4	Yes	15	81	Yes	Yes
Nov. 26	Lincoln School	Calumet	2	Yes	Steam	Yes	2	Yes	8	Yes	16	160	Yes	Yes
Nov. 26	Longfellow School	Calumet	2	Yes	Steam	Yes	1	Yes	5	Yes	17	30	Yes	Yes
Nov. 26	Washington School	Calumet	3	Yes	Steam	Yes	2	Yes	28	Yes	12	851	Yes	Yes
Nov. 26	Webster School	Calumet	2	Yes	Steam	Yes	1	Yes	6	Yes	15	90	Yes	Yes
Nov. 26	Whittier School	Calumet	1	No	Stoves			Yes	3	Yes			Yes	Yes
Feb. 3	Chassell School	Chassell	2	No	Steam	Yes	1	Yes	1		18	32	Yes	Yes
Feb. 3	Chassell High School	Chassell	2	Yes	Steam	Yes	2	Yes	5		20	53	Yes	Yes

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Dec. 1	Central School	Hancock	2	Yes	Steam	Yes	1	Yes	10	Yes	25	200	Yes	Yes
Dec. 11	Cleveland School	Hubbell	2	No	Steam	Yes	1	Yes	4	Yes	20	45	Yes	Yes
Nov. 24	Douglas School	Houghton	2	Yes	Hot air	Yes	1	Yes	10		20	170	Yes	Yes
Dec. 1	E. L. Wright School	Hancock	2	Yes	Steam	Yes	1	Yes	11		10	320	Yes	Yes
Dec. 1	Hancock High School	Hancock	3	Yes	Steam	Yes	1	Yes	18	Yes	20	440	Yes	Yes
Dec. 12	Ryan School	Hancock	2	Yes	Steam	Yes	1	Yes	4	Yes	20	80	Yes	Yes
Nov. 26	St. Patrick School	Hancock	3	No	Steam	Yes	2	Yes	8	Yes	25	174	No	Yes
Dec. 1	Suomi College	Hancock	3	Yes	Hot water	Yes	2	Yes	7		18	40	No	No
Nov. 23	St. Joseph School	Hancock	3	Yes	Steam	Yes	2	Yes	8		25	140	Yes	Yes
Nov. 19	Houghton High School	Houghton	3	Yes	Hot air	Yes	4	Yes	29	No	20	350	Yes	Yes
Nov. 13	Huron School	Houghton	2	No	Hot air	Yes	1	Yes	6	No	20	100	Yes	Yes
Nov. 24	Isle Royal School	Houghton	2	No	Hot air	Yes	1	Yes	4	Yes	20	90	Yes	Yes
Nov. 24	J. A. Hubbell School	Houghton	2	Yes	Hot air	Yes	1	Yes	9	Yes	20	160	Yes	Yes
Nov. 14	St. Ignacious School	Houghton	2	Yes	Steam	Yes	2	Yes	8	Yes	20	142	Yes	Yes
Dec. 11	Lincoln School	Hubbell	2	No	Steam	Yes	2	Yes	3	Yes	20	22	Yes	Yes
Nov. 26	Lake Shore School	Lake Shore	1	No	Stove			Yes	1	Yes			No	No
Dec. 12	German School	Lake Linden	2	No	Steam	Yes	1	Yes	3	Yes			Yes	Yes
Dec. 12	High School	Lake Linden	2	Yes	Steam	Yes	3	Yes	15	Yes	20	138	Yes	Yes
Dec. 12	McKinley School	Lake Linden	2	Yes	Steam	Yes	1	Yes	5	Yes	20	50	Yes	Yes
Dec. 12	St. Ann Academy	Lake Linden	3	No	Hot water	Yes	2	Yes	8	Yes	18	330	Yes	Yes
Nov. 26	Charles Briggs School	Laurium	2	Yes	Hot air	Yes	2	Yes	10	Yes	15	175	Yes	Yes
Nov. 26	Florida School	Laurium	2	Yes	Steam	Yes	1	Yes	4	Yes	15	75	Yes	Yes
Nov. 26	Hawthorne School	Laurium	2	No	Steam	Yes	2	Yes	8	Yes	14	145	Yes	Yes
Nov. 26	Holmes School	Laurium	2	Yes	Steam	Yes	2	Yes	8	Yes	15	130	Yes	Yes
Nov. 26	Irving School	Laurium	2	Yes	Steam	Yes	2	Yes	8	Yes	17	130	Yes	Yes
Nov. 26	John Duncan School	Laurium	2	Yes	Steam	Yes	1	Yes	8	Yes	17	160	Yes	Yes
Dec. 19	Sacred Heart School	Laurium	2	No	Steam	Yes	3	Yes	14	Yes	20	300	Yes	Yes
Jan. 2	Michigan Smelter School	Michiganselts	2	No	Steam	Yes	3	Yes	1	Yes	18		Yes	Yes
Jan. 3	Painsdale School	Painsdale	2	Yes	Steam	Yes	1	Yes	6	Yes	18	140	Yes	Yes
Jan. 3	Painsdale School	Painsdale	2	Yes	Steam	Yes	2	Yes	20	Yes	30	275	Yes	Yes
Dec. 13	Section 30 School	Schoolcraft	1	No	Hot air	Yes	1	Yes	1	Yes			Yes	Yes
Jan. 3	South Range School	South Range	2	Yes	Steam	Yes	1	Yes	6	Yes	18	130	Yes	Yes
Nov. 26	Eugene Field School	Swedetown	2	Yes	Steam	Yes	2	Yes	6	Yes	16	70	Yes	Yes
Jan. 2	Taivola School	Taivola	1	Yes	Stove	Yes		Yes	1	Yes			Yes	Yes
Dec. 13	Incline School	Torch Lake	1	No	Hot air	Yes			1	Yes			Yes	Yes
Jan. 3	Trimountain School	Trimountain	2	Yes	Steam	Yes	1	Yes	7	Yes	18	140	Yes	Yes
	Huron County.													
Oct. 17	Primary School	Caro	2	No	Hot air	Yes		Yes	5	Yes	16	60	Yes	Yes
Oct. 1	Public School	Harbor Beach	2	Yes	Steam	Yes	1	Yes	9	Yes	15	175	Yes	Yes
Feb. 20	St. Mary's School	Parisville	2	No	Stoves		1	No	2		18	100	No	No

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	Ingham County.													
Jan. 27	Allen Street School	Lansing	2	No	Steam	Yes	2	Yes	10		24		Yes	Yes
Jan. 27	Bingham Street School	Lansing	2	Yes	Steam	Yes	4	Yes	10		22	210	Yes	Yes
Jan. 29	Cedar Street School	Lansing	2	No	Steam	Yes	4	Yes	9	Yes	22	129	Yes	Yes
Jan. 29	Cherry Street School	Lansing	2	No	Steam	Yes	1	Yes	4	No	22	70	Yes	Yes
Jan. 29	East Park School	Lansing	2	Yes	Steam	Yes	1	Yes	5	No	22	81	Yes	Yes
Jan. 29	Evangelical School	Lansing	2	No	Hot air	Yes	1	Yes	2	Yes	22	11	Yes	Yes
Jan. 29	Franklin Ave. School	Lansing	2	No	Steam	Yes	2	Yes	9		22	137	Yes	Yes
Jan. 27	Genesee Street School	Lansing	2	No	Steam	Yes	2	Yes	12		22	200	Yes	Yes
Jan. 27	Kalamazoo Street School	Lansing	2	No	Steam	Yes	2	Yes	12		22	184	Yes	Yes
Jan. 29	Lansing High School	Lansing	3	No	Steam	Yes	6	Yes	20	Yes	24	400	Yes	Yes
Jan. 29	Lansing Business School	Lansing	3	No	Steam	Yes	1	No	1		22	125	Yes	Yes
Jan. 29	Lansing Commercial School	Lansing	2	No	Steam	Yes	2	Yes	4		22	32	No	No
Jan. 29	Larch Street School	Lansing	2	Yes	Steam	Yes	1	Yes	8		22	158	Yes	Yes
Jan. 27	Logan Street School	Lansing	2	No	Steam	Yes	2	Yes	9		22	124	Yes	Yes
Jan. 29	Lutheran School	Lansing	2	No	Steam	Yes	2	Yes	2		22		Yes	Yes
Jan. 27	Michigan Ave. School	Lansing	1	No	Steam	Yes	1	Yes	4	Yes			Yes	Yes
Jan. 27	Moores Park School	Lansing	2	Yes	Steam	Yes	2	Yes	9	No	22	163	Yes	Yes
Jan. 27	St. Mary's School	Lansing	3	No	Steam	Yes	3	No	9	Yes	22	270	Yes	No
Jan. 27	South Street School	Lansing	1	No	Steam	Yes	1	No	4	Yes			Yes	Yes
Jan. 27	Townsend Street School	Lansing	2	Yes	Steam	Yes	1	Yes	6		22	120	Yes	Yes
Jan. 29	Walnut Street School	Lansing	2	Yes	Steam	Yes	1	No	9	No	22	162	Yes	Yes
Dec. 16	School House	Leslie	2	Yes	Hot air	Yes	2	Yes	9	No	20	130	Yes	Yes
Dec. 15	Mason High School	Mason	2	No	Hot air	Yes	2	Yes	14	No	22	175	Yes	Yes
Dec. 17	Stockbridge School	Stockbridge	1	No	Steam	Yes		Yes	6				No	No
Dec. 18	Williamston Primary School	Williamston	2	Yes	Steam	Yes	1	Yes	5	No	18	80	No	No
Dec. 18	Williamston Public School	Williamston	2	Yes	Steam	Yes	1	Yes	5	No	18	45	No	No
Dec. 18	Webberville Public School	Webberville	1	No	Steam	Yes	1	Yes	6	Yes			No	No

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	Ionia County.													
Dec. 17	Central School	Belding	2	Yes	Steam	Yes	6	Yes	14		18	180	Yes	Yes
Dec. 17	Ellis School	Belding	2	Yes	Steam	Yes	1	Yes	4		18	68	Yes	Yes
Dec. 17	Second ward School	Belding	1	No	Steam	Yes	3	Yes	3				Yes	Yes
Dec. 10	Clarksville School	Clarksville	2	No	Steam	Yes	1	Yes	5	None	16	55	Yes	Yes
Dec. 4	Ionia Central School	Ionia	3	No	Steam	Yes	5	Yes	15	Yes	18	225	Yes	Yes
Dec. 4	Ionia High School	Ionia	2	Yes	Steam	Yes	2	Yes	11	Yes	17	100	Yes	Yes
Dec. 5	Jefferson Street School	Ionia	2	No	Hot air	Yes	3	Yes	4	None	16	80	Yes	Yes
Dec. 5	State Street School	Ionia	2	No	Hot air	Yes	1	Yes	4	None	16	65	Yes	Yes
Dec. 4	St. Peter & Paul Academy	Ionia	2	No	Steam	Yes	3	Yes	7	None			Yes	Yes
Dec. 9	Lake Odessa School	Lake Odessa	2	No	Steam	Yes	2	Yes	13	Yes	20	170	Yes	Yes
Nov. 20	High School	Lyons	2	Yes	Steam	Yes	3	Yes	7	No	7	100	Yes	Yes
Nov. 20	Muir School	Muir	2	Yes	Steam	Yes	1	Yes	5	No	18	40	Yes	Yes
Dec. 5	Orleans Public School	Orleans	1	No	Hot air	Yes	1	No	2	None			No	No
Dec. 18	Pewamo School	Pewamo	2	Yes	Steam	Yes	1	Yes	5	None	20	40	No	No
Dec. 18	St. Joseph School	Pewamo	2	No	Hot water	Yes	1	No	2				No	No
Dec. 2	West Side School	Portland	2	Yes	Hot air	Yes	2	No	2		12	31	No	No
Dec. 22	Portland School	Portland	3	Yes	Steam	Yes	2	Yes	13		19	179	Yes	Yes
Dec. 2	St. Patrick School	Portland	2	No	Steam	Yes	1	Yes	2		14		No	No
Dec. 16	Smyrna School	Smyrna	1	No	Stove			No	2	Yes			No	No
	Iosco County.													
Aug. 6	Schoolhouse	Alabaster	2	Yes	Stoves	Yes	1	Yes	2	No	16	30	Yes	Yes
Aug. 5	Burleigh School	Burleigh	2	Yes	Stoves	Yes	1	Yes	2	Yes	16	68	No	No
Aug. 7	East Lawn School	East Lawn	2	No	Steam	Yes	9	Yes	10	No	20	200	Yes	Yes
Aug. 28	Plainfield School	Hale	1	No	Stoves	Yes		Yes	3	No			Yes	Yes
Aug. 29	Oscoda School	Oscoda	1	No	Stove	Yes		Yes	1				No	No
Aug. 6	Lutheran Zion School	Tawas City	2	Yes	Stoves	Yes	1	Yes	2	No	16		No	No
Aug. 7	Tawas City School	Tawas City	2	No	Hot air	Yes	3	Yes	8	No	17	150	Yes	Yes
Aug. 27	Tawas School	Tawas Township	1	No	Stove	Yes		Yes	2				No	Yes
	Iron County.													
Dec. 15	Crystal Falls School	Crystal Falls	3	Yes	Steam	Yes	3	Yes	16	Yes	30	210	Yes	Yes
Dec. 7	Atkenson School	Iron River	1	No	Stove	Yes	1	Yes	1	Yes			Yes	Yes
Feb. 7	Benson School	Iron River	1	No	Hot air	Yes	1	Yes	1	Yes			Yes	Yes
Feb. 7	High School	Iron River	2	No	Steam	Yes	5	Yes	25	Yes	18	320	Yes	Yes
Feb. 7	Iron Lake School	Iron River	1	No	Stove	Yes		Yes	1	No			Yes	Yes
Feb. 7	Nash School	Iron River	1	No	Stove	Yes		Yes	1	Yes			Yes	Yes
Feb. 7	Paint Lake School	Iron River	1	No	Stove	Yes	1	Yes	1	Yes			Yes	Yes
Feb. 7	Raymond School	Iron River	1	No	Stove	Yes		Yes	1	Yes			Yes	Yes
	Isabella County.													
Dec. 10	Blanchard School	Blanchard	2	Yes	Hot air	Yes	2	Yes	4	None	20	62	Yes	No

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	Ingham County.													
Jan. 27	Allen Street School	Lansing	2	No	Steam	Yes	2	Yes	10		24		Yes	Yes
Jan. 27	Bingham Street School	Lansing	2	Yes	Steam	Yes	4	Yes	10		22	210	Yes	Yes
Jan. 29	Cedar Street School	Lansing	2	No	Steam	Yes	4	Yes	9	Yes	22	129	Yes	Yes
Jan. 29	Cherry Street School	Lansing	2	No	Steam	Yes	1	Yes	4	No	22	70	Yes	Yes
Jan. 29	East Park School	Lansing	2	Yes	Steam	Yes	1	Yes	5	No	22	81	Yes	Yes
Jan. 29	Evangelical School	Lansing	2	No	Hot air	Yes	1	Yes	2	Yes	22	11	Yes	Yes
Jan. 29	Franklin Ave. School	Lansing	2	No	Steam	Yes	2	Yes	9		22	137	Yes	Yes
Jan. 27	Genesee Street School	Lansing	2	No	Steam	Yes	2	Yes	12		22	200	Yes	Yes
Jan. 27	Kalamazoo Street School	Lansing	2	No	Steam	Yes	2	Yes	12		22	184	Yes	Yes
Jan. 29	Lansing High School	Lansing	3	No	Steam	Yes	6	Yes	20	Yes	24	400	Yes	Yes
Jan. 29	Lansing Business School	Lansing	3	No	Steam	Yes	1	No	1		22	125	Yes	Yes
Jan. 29	Lansing Commercial School	Lansing	2	No	Steam	Yes	2	Yes	4		22	32	No	No
Jan. 29	Larch Street School	Lansing	2	Yes	Steam	Yes	1	Yes	8		22	158	Yes	Yes
Jan. 27	Logan Street School	Lansing	2	No	Steam	Yes	2	Yes	9		22	124	Yes	Yes
Jan. 29	Lutheran School	Lansing	2	No	Steam	Yes	2	Yes	2		22		Yes	Yes
Jan. 27	Michigan Ave. School	Lansing	1	No	Steam	Yes	1	Yes	4	Yes			Yes	Yes
Jan. 27	Moores Park School	Lansing	2	Yes	Steam	Yes	2	Yes	9	No	22	163	Yes	Yes
Jan. 27	St. Mary's School	Lansing	3	No	Steam	Yes	3	No	9	Yes	22	270	Yes	No
Jan. 27	South Street School	Lansing	1	No	Steam	Yes	1	No	4	Yes			Yes	Yes
Jan. 27	Townsend Street School	Lansing	2	Yes	Steam	Yes	1	Yes	6		22	120	Yes	Yes
Jan. 29	Walnut Street School	Lansing	2	Yes	Steam	Yes	1	No	9	No	22	162	Yes	Yes
Dec. 16	School House	Leslie	2	Yes	Hot air	Yes	2	Yes	9	No	20	130	Yes	Yes
Dec. 15	Mason High School	Mason	2	No	Hot air	Yes	2	Yes	14	No	22	175	Yes	Yes
Dec. 17	Stockbridge School	Stockbridge	1	No	Steam	Yes		Yes	6				No	No
Dec. 18	Williamston Primary School	Williamston	2	Yes	Steam	Yes	1	Yes	5	No	18	80	No	No
Dec. 18	Williamston Public School	Williamston	2	Yes	Steam	Yes	1	Yes	5	No	18	45	No	No
Dec. 18	Webberville Public School	Webberville	1	No	Steam	Yes	1	Yes	6	Yes			No	No

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	Ionia County.													
Dec. 17	Central School	Belding	2	Yes	Steam	Yes	6	Yes	14		18	180	Yes	Yes
Dec. 17	Ellis School	Belding	2	Yes	Steam	Yes	1	Yes	4		18	68	Yes	Yes
Dec. 17	Second ward School	Belding	1	No	Steam	Yes	3	Yes	3				Yes	Yes
Dec. 10	Clarksville School	Clarksville	2	No	Steam	Yes	1	Yes	5	None	16	55	Yes	Yes
Dec. 4	Ionia Central School	Ionia	3	No	Steam	Yes	5	Yes	15	Yes	18	225	Yes	Yes
Dec. 4	Ionia High School	Ionia	2	Yes	Steam	Yes	2	Yes	11	Yes	17	100	Yes	Yes
Dec. 5	Jefferson Street School	Ionia	2	No	Hot air	Yes	3	Yes	4	None	16	80	Yes	Yes
Dec. 5	State Street School	Ionia	2	No	Hot air	Yes	1	Yes	4	None	16	65	Yes	Yes
Dec. 4	St. Peter & Paul Academy	Ionia	2	No	Steam	Yes	3	Yes	7	None			Yes	Yes
Dec. 9	Lake Odessa School	Lake Odessa	2	No	Steam	Yes	2	Yes	13	Yes	20	170	Yes	Yes
Nov. 20	High School	Lyons	2	Yes	Steam	Yes	3	Yes	7	No	7	109	Yes	Yes
Nov. 20	Muir School	Muir	2	Yes	Steam	Yes	1	Yes	5	No	18	40	Yes	Yes
Dec. 5	Orleans Public School	Orleans	1	No	Hot air	Yes	1	No	2	None			No	No
Dec. 18	Pewamo School	Pewamo	2	Yes	Steam	Yes	1	Yes	5	None	20	40	No	No
Dec. 18	St. Joseph School	Pewamo	2	No	Hot water	Yes	1	No	2				No	No
Dec. 2	West Side School	Portland	2	Yes	Hot air	Yes	2	No	2		12	31	No	No
Dec. 22	Portland School	Portland	3	Yes	Steam	Yes	2	Yes	13		19	179	Yes	Yes
Dec. 2	St. Patrick School	Portland	2	No	Steam	Yes	1	Yes	2		14		No	No
Dec. 16	Smyrna School	Smyrna	1	No	Stove			No	2	Yes			No	No
	Iosco County.													
Aug. 6	Schoolhouse	Alabaster	2	Yes	Stoves	Yes	1	Yes	2	No	16	30	Yes	Yes
Aug. 5	Burleigh School	Burleigh	2	Yes	Stoves	Yes	1	Yes	2	Yes	16	68	No	No
Aug. 7	East Lawn School	East Lawn	2	No	Steam	Yes	9	Yes	10	No	20	200	Yes	Yes
Aug. 28	Plainfield School	Hale	1	No	Stoves	Yes		Yes	3	No			Yes	Yes
Aug. 29	Oscoda School	Oscoda	1	No	Stove	Yes		Yes	1				No	No
Aug. 6	Lutheran Zion School	Tawas City	2	Yes	Stoves	Yes	1	Yes	2	No	16		No	No
Aug. 7	Tawas City School	Tawas City	2	No	Hot air	Yes	3	Yes	8	No	17	150	Yes	Yes
Aug. 27	Tawas School	Tawas Township	1	No	Stove	Yes		Yes	2				No	Yes
	Iron County.													
Dec. 15	Crystal Falls School	Crystal Falls	3	Yes	Steam	Yes	3	Yes	16	Yes	30	210	Yes	Yes
Dec. 7	Atkenson School	Iron River	1	No	Stove	Yes	1	Yes	1	Yes			Yes	Yes
Feb. 7	Benson School	Iron River	1	No	Hot air	Yes	1	Yes	1	Yes			Yes	Yes
Feb. 7	High School	Iron River	2	No	Steam	Yes	5	Yes	25	Yes	18	320	Yes	Yes
Feb. 7	Iron Lake School	Iron River	1	No	Stove	Yes		Yes	1	No			Yes	Yes
Feb. 7	Nash School	Iron River	1	No	Stove	Yes		Yes	1	Yes			Yes	Yes
Feb. 7	Paint Lake School	Iron River	1	No	Stove	Yes	1	Yes	1	Yes			Yes	Yes
Feb. 7	Raymond School	Iron River	1	No	Stove	Yes		Yes	1	Yes			Yes	Yes
	Isabella County.													
Dec. 10	Blanchard School	Blanchard	2	Yes	Hot air	Yes	2	Yes	4	None	20	62	Yes	No

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Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	KALAMAZOO COUNTY.													
Nov. 3	Climax High School	Climax	2	Yes	Steam	Yes	1	Yes	4	Yes	20	60	Yes	Yes
Aug. 11	Augusta High School	Augusta	2	Yes	Steam	Yes	1	Yes	4	None	20	20	No	No
Jan. 6	Comstock High School	Comstock	2	No	Hot air	Yes	1	Yes	9	Yes	22	80	Yes	Yes
Aug. 11	High School	Galesburg	2	Yes	Hot air	Yes	3	Yes	6	Yes	22	60	Yes	Yes
Dec. 10	Burdick Street School	Kalamazoo	3	Yes	Steam	Yes	2	Yes	4		14	190	Yes	Yes
Dec. 10	Central High School	Kalamazoo	3	No	Steam	Yes	3	No	54		22	500	Yes	No
Dec. 11	East Ave. School No. 2	Kalamazoo	3	No	Steam	Yes	2	Yes	23		20	450	Yes	Yes
Dec. 11	East Ave. School No. 1	Kalamazoo	2	Yes	Hot air	Yes	1	Yes	6		22	40	Yes	Yes
Dec. 11	Frank Street School	Kalamazoo	2	No	Steam	Yes	2	Yes	15		20	300	Yes	Yes
Dec. 12	John Street Christian School	Kalamazoo	2	No	Steam	Yes	1	Yes	4		20	100	Yes	Yes
Dec. 16	Kalamazoo College	Kalamazoo	3	No	Steam	Yes	3	Yes	12		20		No	Yes
Dec. 10	Lake Street School	Kalamazoo	2	Yes	Steam	Yes	3	Yes	18		21	350	Yes	Yes
Dec. 12	Lefevre Institute	Kalamazoo	3	No	Steam	Yes	5	Yes	10	Yes	20	220	Yes	Yes
Dec. 10	Lovell Street School	Kalamazoo	2	No	Steam	Yes	2	No	8		22	180	Yes	Yes
Dec. 12	Met Den Bybel	Kalamazoo	2	No	Hot air	Yes	1	Yes	7		18	125	Yes	Yes
Dec. 11	North West School	Kalamazoo	2	No	Steam	Yes	2	No	12		22	275	Yes	Yes
Dec. 10	Portage Street School	Kalamazoo	3	No	Steam	Yes	2	Yes	29		14	350	Yes	Yes
Dec. 16	Kalamazoo College	Kalamazoo	4	Yes	Steam	Yes	2	No	35			51	No	No
Feb. 19	Richland School	Richland	2	Yes	Hot air	Yes	1	Yes	4	Yes	20	45	Yes	Yes
Dec. 12	St. Joseph School	Kalamazoo	2	No	Steam	Yes	2	No	5		21	200	Yes	Yes
Dec. 20	Scotts High School	Scotts	2	Yes	Hot air	Yes	1	Yes	4	Yes	18	53	Yes	Yes
Sept. 6	South Boardman School	South Boardman	2	Yes	Steam	Yes	1	Yes	4	No	22	50	Yes	Yes
Oct. 24	Schoolcraft School	Schoolcraft	3	Yes	Hot air	Yes	2	Yes	7		18	117	Yes	Yes
Aug. 15	Vermontville School	Vermontville	2	Yes	Steam	Yes	1	Yes	5	No	24	75	Yes	Yes
July 28	Vicksburg School	Vicksburg	2	No	Hot air	Yes	2	Yes	17		25	171	Yes	Yes
Dec. 10	Vine Street School	Kalamazoo	3	Yes	Steam	Yes	6	Yes	26		22	450	Yes	Yes
Dec. 11	Woodward Ave. School	Kalamazoo	3	Yes	Steam	Yes	3	Yes	26		22	325	Yes	Yes

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	KALKASKA COUNTY.													
Sept. 5	Kalkaska School	Kalkaska	2	No	Steam	Yes	2		11	Yes	25	105	Yes	Yes
	KENT COUNTY.													
Oct. 31	Ada School	Ada	2	Yes	Hot air	Yes	1	Yes	5	Yes	20	25	Yes	Yes
Nov. 4	Alto School	Alto	1	No	Hot air	Yes		No	1	Yes			Yes	Yes
Oct. 23	Casnovia School	Casnovia	2	Yes	Steam	Yes	2	Yes	4	No	12	70	Yes	Yes
Oct. 30	Cedar Springs School	Cedar Springs	3	Yes	Steam	Yes	4	Yes	9	Yes	15	199	Yes	Yes
Dec. 2	Dutton Public School	Dutton	1	No	Hot air			Yes	1	No			No	No
Jan. 15	Alexander School	Grand Rapids	2	No	Steam	Yes	1	Yes	8	Yes	24	180	Yes	Yes
Feb. 4	Alpine Ave. School	Grand Rapids	2	No	Hot air		2	Yes	7		18	120	Yes	Yes
Jan. 14	Baxter Christian School	Grand Rapids	2	Yes	Hot air		1	Yes	6		20	150	Yes	Yes
Feb. 5	Baldwin Christian School	Grand Rapids	2	No	Hot air		1	Yes	8		24	128	Yes	Yes
Jan. 21	Buchanan School	Grand Rapids	2	No	Steam	Yes	2	Yes	13		24	260	Yes	Yes
Jan. 10	Central High School	Grand Rapids	4	No	Steam	Yes	3	Yes	60		24	1,150	Yes	Yes
Jan. 16	Congress School	Grand Rapids	2	No	Steam	Yes	2	Yes	9		24	200	Yes	Yes
Jan. 16	Coit School	Grand Rapids	2	No	Steam	Yes	3	Yes	8		30	180	Yes	Yes
Jan. 9	Coldbrook School	Grand Rapids	2	No	Steam	Yes	2	Yes	13		24	230	Yes	Yes
Feb. 4	Creston Christian School	Grand Rapids	2	Yes	Steam	Yes	1	Yes	8		18	156	Yes	Yes
Jan. 16	Diamond School	Grand Rapids	2	Yes	Steam	Yes	2	Yes	14		24	180	Yes	Yes
Jan. 20	Division School	Grand Rapids	2	Yes	Steam	Yes	2	Yes	14		24	180	Yes	Yes
Jan. 9	East Leonard School	Grand Rapids	2	No	Steam	Yes	1	Yes	8	Yes	24	120	Yes	Yes
Jan. 26	Finney School	Grand Rapids	1	No	Steam	Yes		Yes	3				Yes	Yes
Jan. 23	Franklin Christian School	Grand Rapids	2	No	Steam	Yes	2	Yes	8		24	80	Yes	Yes
Feb. 3	German Lutheran School	Grand Rapids	2	No	Steam	Yes	2	Yes	4		18	75	Yes	Yes
Feb. 3	German Lutheran School	Grand Rapids	2	No	Stove		2	No	2		16		Yes	No
Jan. 23	Grandville Christian School	Grand Rapids	2	No	Steam	Yes	1	Yes	8		24	170	Yes	Yes
Jan. 26	Hall School	Grand Rapids	2	Yes	Steam	Yes	3	Yes	16		24	300	Yes	Yes
Jan. 14	Henry School	Grand Rapids	2	Yes	Steam	Yes	2	Yes	8		24	160	Yes	Yes
Jan. 23	Holy Name School	Grand Rapids	2	No	Steam	Yes	2	Yes					No	No
Jan. 22	Ionia Street School	Grand Rapids	2	Yes	Steam	Yes	1	Yes	4		24	80	Yes	Yes
Jan. 21	Jefferson School	Grand Rapids	2	No	Steam	Yes	2	Yes	12		30	240	Yes	Yes
Jan. 10	Junior High School	Grand Rapids	4	Yes	Steam	Yes	3	Yes	56		24	750	Yes	Yes
Jan. 15	Lafayette School	Grand Rapids	2	Yes	Steam	Yes	2	Yes	10		22	160	Yes	Yes
Jan. 5	Lexington School	Grand Rapids	3	Yes	Steam	Yes	2	Yes	12		18	275	Yes	Yes
Jan. 15	Madison School	Grand Rapids	2	No	Steam	Yes	2	Yes	14	Yes	24	225	Yes	Yes
Jan. 16	Michigan School	Grand Rapids	2	Yes	Steam	Yes	2	Yes	10		24	180	Yes	Yes
Nov. 26	North Division School	Grand Rapids	3	Yes	Steam	Yes	3	Yes	9		30	130	Yes	Yes
Jan. 15	Oakdale Christian School	Grand Rapids	2	No	Hot air	Yes	1	Yes	8		24	153	Yes	Yes

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	KENT CO.—*Con.*													
Jan. 15	Oakdale School	Grand Rapids	2	No	Steam	Yes	2	Yes	13		26	205	Yes	Yes
Jan. 6	Palmer School	Grand Rapids	2	No	Steam	Yes	2	Yes	12		24	350	Yes	Yes
Feb. 4	Pine Christian School	Grand Rapids	2	No	Hot air		2	Yes	8		18	145	Yes	Yes
Jan. 6	Pine School	Grand Rapids	2	No	Steam	Yes	2	Yes	8		20	150	Yes	Yes
Jan. 6	Plainfield School	Grand Rapids	2	Yes	Steam	Yes	2	Yes	10		24	200	Yes	Yes
Jan. 23	Pleasant School	Grand Rapids	2	Yes	Steam	Yes	2	Yes	10		24	218	Yes	Yes
Jan. 26	St. Andrews Central	Grand Rapids	3	Yes	Steam	Yes	3	Yes	21		20	564	No	No
Feb. 4	St. Adelberts School	Grand Rapids	2	Yes	Steam	Yes	2	Yes	12		22	205	Yes	Yes
Jan. 9	St. Alphonsus School	Grand Rapids	2	No	Steam	Yes	1	Yes	5		18	90	Yes	Yes
Feb. 3	St. Isadores School	Grand Rapids	2	No	Steam	Yes	2	Yes	8		18	200	Yes	No
Feb. 3	St. James School	Grand Rapids	2	Yes	Steam	Yes	1	Yes	8		20	70	Yes	Yes
Feb. 4	St. Marys School	Grand Rapids	3	Yes	Steam	Yes	2	Yes	8		22	180	Yes	Yes
Feb. 4	S. S. Peter and Paul School	Grand Rapids	2	No	Steam	Yes	1	Yes	4		20		Yes	No
Jan. 5	Sacred Heart School	Grand Rapids	2	No	Steam	Yes	2	No	5				No	No
Jan. 22	Sheldon School	Grand Rapids	2	Yes	Steam	No	2	Yes	8		22	160	Yes	Yes
Jan. 8	Sibley School	Grand Rapids	2	Yes	Steam	Yes	1	Yes	8		24	125	Yes	Yes
Jan. 14	Sigsbee School	Grand Rapids	2	No	Steam	Yes	2	Yes	16		25	385	Yes	Yes
Jan. 14	Sigsbee Christian School	Grand Rapids	2	No	Hot air		2	Yes	6		20	150	Yes	Yes
Jan. 6	Stocking School	Grand Rapids	2	No	Steam	Yes	2	Yes	6		20	110	Yes	Yes
Jan. 5	Straight School	Grand Rapids	2	No	Steam	Yes	2	Yes	14	Yes	24	180	Yes	Yes
Jan. 8	Turner School	Grand Rapids	2	No	Steam	Yes	2	Yes	12		24	325	Yes	Yes
Jan. 20	Union High School	Grand Rapids	3	Yes	Steam	Yes	2	Yes	52	Yes	24	825	Yes	Yes
Jan. 6	Walker School	Grand Rapids	1	No	Stoves			Yes	2	Yes			Yes	Yes
Jan. 8	West Leonard School	Grand Rapids	2	No	Steam	Yes	2	Yes	8		22	160	Yes	Yes
Jan. 8	Widdicomb School	Grand Rapids	2	No	Steam	Yes	2	Yes	12		22	240	Yes	Yes
Oct. 16	Grandville School	Grandville	2	No	Steam	Yes	2	Yes	10	Yes	15	130	Yes	Yes
Oct. 22	Kent City School	Kent City	2	Yes	Steam	Yes	2	Yes	7	Yes	15	88	Yes	Yes
Nov. 7	South School	Lowell	1	No	Hot air			Yes	2	Yes			Yes	Yes
Nov. 7	East Ward School	Lowell	2	Yes	Hot air	No	1	Yes	4	Yes	12	80	No	No
Nov. 7	Union School	Lowell	2	Yes	Hot air	No	2	Yes	10	Yes	15	150	Yes	Yes

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Nov. 7	West Ward School	Lowell	2	Yes	Hot air	No	1	Yes	3	Yes	15	42	Yes	No
Oct. 29	Rockford High School	Rockford	3	Yes	Steam	Yes	2	Yes	5	Yes	15	131	Yes	No
Oct. 21	Sparta School	Sparta	2	No	Steam	Yes	2	Yes	15	Yes	15	191	Yes	Yes
Oct. 30	Sand Lake School	Sand Lake	2	Yes	Stove		1	Yes	4	Yes	12	80	Yes	Yes
	Keweenaw County.													
Dec. 16	Ahmeek School	Ahmeek	2	No	Steam	Yes	2	Yes	4	Yes	20	100	Yes	Yes
Dec. 17	Lake Shore School	Allouez	1	Yes	Stoves	Yes		Yes	1	Yes		20	Yes	Yes
Dec. 16	Old Allouez School	Allouez	2	No	Steam	Yes	2	Yes	4	Yes	20	100	Yes	Yes
Dec. 16	Clifton School	Clifton	1	No	Stove	Yes		Yes	1	Yes			Yes	Yes
Dec. 18	Delaware School	Delaware Mine	1	No	Stove	Yes		Yes	1	Yes		15	Yes	Yes
Dec. 13	Eagle Harbor School	Eagle Harbor	2	No	Stove	Yes	1	Yes	1	Yes			Yes	Yes
Dec. 15	Eagle River School	Eagle River	2	No	Steam	Yes	1	Yes	2	Yes	20	20	Yes	Yes
Dec. 17	Gay School	Gay	2	No	Stoves	Yes		Yes	3	Yes	20	50	Yes	Yes
Dec. 18	Maddan School	Maddan Mine	1	No	Stoves	Yes		Yes	1	Yes		15	Yes	Yes
Dec. 16	Allouez School	Mohawk	2	Yes	Steam	Yes	1	Yes	4	Yes	25	90	Yes	Yes
Dec. 16	New Mohawk School	Mohawk	2	No	Steam	Yes			4	Yes	20	100	Yes	Yes
Dec. 16	Old Mohawk School	Mohawk	2	No	Steam	Yes		Yes	8	Yes	20	200	Yes	Yes
Dec. 17	Ojibway School	Ojibway	1	No	Stove	Yes		Yes	2	Yes			Yes	Yes
Dec. 15	Phoenix School	Phoenix	2	No	Steam	Yes	1	Yes	1	Yes	20	60	Yes	Yes
	Lenawee County.													
Dec. 10	Addison School	Addison	1	No	Steam	Yes	2	Yes	6				Yes	Yes
Dec. 3	Central Building	Adrian	3	Yes	Hot air	Yes	3	Yes	21	No	22	150	Yes	Yes
Dec. 3	East Branch	Adrian	2	No	Hot air	Yes	2	Yes	5	Yes	15	111	Yes	Yes
Dec. 3	Jefferson School	Adrian	1	No	Hot air	Yes	2	Yes	2	No	12	88	No	No
Dec. 2	South Branch School	Adrian	1	No	Hot air	Yes		Yes	4	No		111	No	No
Dec. 3	West Branch School	Adrian	2	Yes	Hot air	Yes	4	Yes	6	Yes	15	68	Yes	Yes
Dec. 4	Blissfield School	Blissfield	2	No	Hot air	Yes	3	Yes	12	Yes	32	115	No	Yes
Dec. 4	West District	Blissfield	2	Yes	Hot air	Yes	2	Yes	4	Yes	18	40	No	No
Dec. 6	Clinton High School	Clinton	2	No	Steam	Yes	2	Yes	6	No	20	75	No	No
Nov. 28	Hudson High School	Hudson	3	No	Steam	Yes	2	Yes	21	No	20	164	Yes	Yes
Dec. 9	Morenci School	Morenci	2	No	Hot air	Yes		Yes	11	No	22	118	Yes	Yes
Dec. 9	Primary School	Morenci	1	No	Hot air	Yes	2	Yes	1	No			No	No
Dec. 3	Palmira School	Palmira	2	No	Stove		1	Yes	3	Yes	14	55	Yes	No
Dec. 5	East Branch School	Tecumseh	2	No	Hot air	No	1	Yes	4	No	18	45	No	No
Dec. 6	North Branch School	Tecumseh	1	No	Stove			Yes	1	No			No	No
Dec. 5	Tecumseh School	Tecumseh	3	Yes	Hot air	No	1	Yes	7	Yes	22	100	Yes	Yes
Dec. 6	West Branch School	Tecumseh	1	No	Hot air	Yes		Yes	3	No			No	No

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

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	LAPEER COUNTY.													
July 25	First Ward School	Lapeer	1	No	Steam	Yes	1	Yes	2	Yes			Yes	Yes
Dec. 3	North Branch School	North Branch	2	Yes	Hot air	Yes	2	Yes	4	Yes	30	44	Yes	Yes
	LEELANAU COUNTY.													
Sept. 13	North Post School	North Post	2	No	Steam	Yes	2	Yes	6	Yes	20	80	Yes	Yes
Sept. 9	St. Marys School	Provement	2	Yes	Hot air	Yes	1	Yes	1	No	16	56	Yes	No
Sept. 9	Union School	Suttons Bay	1	No	Steam	Yes	1	No	4	Yes	10		Yes	No
	LIVINGSTON COUNTY.													
Dec. 17	Brighton School	Brighton	2	No	Hot air	Yes	2	Yes	4	No	22	66	Yes	Yes
Dec. 17	Brighton School	Brighton	1	No	Hot air	Yes	2	Yes	2	No			No	No
Dec. 18	Fowlerville School	Fowlerville	2	No	Steam	Yes	2	Yes	4	No	16	60	Yes	Yes
Dec. 18	Fowlerville School	Fowlerville	2	Yes	Steam	Yes	2	Yes	5	Yes	18	90	No	No
Dec. 16	Howell School	Howell	3	Yes	Steam	Yes	1	Yes	9	Yes	22	148	Yes	Yes
Dec. 16	First Ward School	Howell	2	Yes	Steam	Yes	1	Yes	4	Yes	16	83	Yes	Yes
Dec. 16	Fourth Ward School	Howell	2	Yes	Steam	Yes	1	Yes	4	Yes	16	78	Yes	Yes
Dec. 15	Pinckney High School	Pinckney	2	Yes	Steam	Yes	2	Yes	6	No	20	80	Yes	Yes
	LUCE COUNTY.													
Oct. 23	McMillan School	McMillan	1	No	Stove			Yes	1	Yes			No	No
Oct. 22	Newberry School	Newberry	2	Yes	Hot air	Yes	7	Yes	15	Yes	16	370	Yes	Yes

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	MACKINAC COUNTY.													
Aug. 28	Cedarville School	Cedarville	1	No	Stove			Yes	2	Yes	2		Yes	No
Sept. 15	Engadine School	Engadine	1	No	Stove			Yes	2	Yes			No	No
Aug. 23	La Salle School	St. Ignace	2	Yes	Steam	Yes	4	Yes	8		16	90	Yes	Yes
Sept. 19	St. Ignace School	St. Ignace	1	No	Steam				2				No	No
Sept. 19	St. Ignace School	St. Ignace	1	No	Stove		3	Yes	3				Yes	No
	MACOMB COUNTY.													
Nov. 6	Armada School	Armada	2	Yes	Hot air	Yes	1	Yes	5	Yes	15	80	Yes	Yes
Dec. 13	Dundee High School	Dundee	2	Yes	Steam	Yes	2	Yes	11	None	15	51	No	Yes
Dec. 5	Dickinson School	Mt. Clemens	2	No	Hot air	Yes	3	Yes	4	Yes	12	30	Yes	Yes
Dec. 5	Donaldson School	Mt. Clemens	2	No	Steam	Yes	2	Yes	8	None	15	170	Yes	Yes
Dec. 5	Clemens School	Mt. Clemens	2	No	Steam	Yes	3	Yes	4	None	12		No	Yes
Dec. 5	Grant School	Mt. Clemens	2	No	Steam	Yes	3	Yes	6	None	15	125	Yes	Yes
Dec. 5	High School	Mt. Clemens	2	No	Steam	Yes	2	Yes	12	Yes	12	237	No	Yes
Dec. 5	Lincoln School	Mt. Clemens	2	No	Steam	Yes	2	Yes	8	Yes	12	140	Yes	Yes
Dec. 5	St. Marys School	Mt. Clemens	2	Yes	Steam	Yes	3	Yes	10	Yes	15	200	No	No
Dec. 5	St. Marys High School	Mt. Clemens	2	No	Steam	Yes	2	Yes	8		15	74	No	No
Nov. 15	Hathaway Institute	New Baltimore	2	Yes	Steam	Yes	2	Yes	9	Yes	18	182	Yes	Yes
Nov. 14	District School	New Haven	1	No	Stove			Yes	2	Yes			No	No
Nov. 7	Romeo High School	Romeo	2	Yes	Steam	Yes	2	Yes	11	Yes	16	96	No	No
Nov. 12	Public School	Utica	2	Yes	Hot air	Yes	2	Yes	4	Yes	12	92	Yes	Yes
	MANISTEE COUNTY.													
Aug. 20	Kaleva School	Kaleva	2	No	Hot air	No	1	Yes	2	No	20	40	Yes	No
Aug. 27	Central School	Manistee	2	Yes	Steam	No	3	Yes	22	Yes	25	200	Yes	Yes
Aug. 28	St. Joseph School	Manistee	3	Yes	Steam	Yes	4	Yes	12	Yes	20	230	Yes	Yes
Aug. 27	First Ward School	Manistee	2	No	Steam	Yes	3	Yes	6	Yes	20	120	Yes	Yes
Aug. 27	Third Ward School	Manistee	2	No	Steam	Yes	2	Yes	8	Yes	22	130	Yes	Yes
Aug. 27	Fourth Ward School	Manistee	2	Yes	Steam	Yes	6	Yes	11	Yes	25	230	Yes	Yes
Aug. 27	Union School	Manistee	2	Yes	Steam	Yes	3	Yes	14	Yes	20	230	Yes	Yes
	MARQUETTE COUNTY.													
Jan. 22	Austin School	Austin	1	No	Steam	Yes	2	Yes	2	Yes			Yes	Yes
Jan. 22	Gwinn School	Gwinn	2	No	Steam	Yes	4	Yes	12	Yes	22	100	Yes	Yes
Oct. 13	Central School	Ishpeming	2	Yes	Steam	Yes	2	Yes	4	None	16	86	Yes	Yes
Oct. 11	Cleveland School	Ishpeming	2	Yes	Steam	Yes	2	Yes	4	None	15	84	Yes	Yes
Oct. 13	Grammar School	Ishpeming	3	Yes	Steam	Yes	2	Yes	18	Yes	16	275	Yes	Yes

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	MARQUETTE CO.—*Con.*													
Oct. 11	High Street School	Ishpeming	2	No	Steam	Yes	2	Yes	10	No	16	170	Yes	Yes
Oct. 3	High School	Ishpeming	3	No	Steam	Yes	2	Yes	21	No	16	200	No	Yes
Oct. 13	Junction School	Ishpeming	1	No	Steam	Yes	2	Yes	2	Yes		None	Yes	Yes
Oct. 3	Manual Training School	Ishpeming	2	Yes	Steam	Yes	1	Yes	4	None	25	100	No	No
Oct. 11	Ridge Street School	Ishpeming	2	Yes	Steam	Yes	2	Yes	8	None	16	165	Yes	Yes
Oct. 10	Salsbury School	Ishpeming	2	No	Steam	Yes	2	Yes	9	None	16	182	Yes	Yes
Oct. 27	Michigamme School	Marquette	2	No	Steam	Yes	2	Yes	3	Yes	18	30	Yes	Yes
Sept. 24	Cambria School	Negaunee	1	No	Stove	Yes		Yes	1	Yes			No	No
Sept. 19	Case Street School	Negaunee	2	Yes	Steam	Yes	2	Yes	13	None	12	250	Yes	Yes
Sept. 24	High School	Negaunee	3	Yes	Steam	Yes	2	Yes	22	None	12	300	Yes	Yes
Sept. 24	Jackson Street School	Negaunee	2	Yes	Steam	Yes	2	Yes	8	Yes	12	120	Yes	Yes
Sept. 24	Mary Charlotte School	Negaunee	1	No	Stove			Yes	1	Yes			No	No
Sept. 24	Negaunee School	Negaunee	2	Yes	Steam	Yes	2	Yes	6	Yes	12	70	Yes	Yes
Sept. 24	Queen Mine School	Negaunee	1	No	Stove	Yes		Yes	1	Yes			Yes	Yes
Sept. 24	Rolling Mill School	Negaunee	1	No	Stove	Yes		Yes	1	Yes			Yes	Yes
Oct. 23	New Dalton School	New Dalton	1	No	Stove	Yes	1	Yes	1	Yes			Yes	Yes
Oct. 4	Palmer School	Palmer	2	Yes	Hot water	Yes	1	Yes	5	None	20	77	Yes	Yes
Jan. 22	Princeton School	Princeton	1	No	Steam	Yes		Yes	3	Yes			Yes	Yes
	MASON COUNTY.													
June 11	German Lutheran School	Ludington	2	No	Stove		2	Yes	1	Yes	16	44	Yes	Yes
June 13	St. Simons School	Ludington	2		Steam	Yes	2	Yes	12	Yes	18	70	Yes	Yes

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	Mecosta County.													
Dec. 11	Barryton School	Barryton	2	No	Steam	Yes	1	Yes	4	None	20	61	No	Yes
Dec. 18	Big Rapids School	Big Rapids	2	Yes	Steam	Yes	2	Yes	15	None	20	186	Yes	Yes
Dec. 18	Ferris Institute	Big Rapids	2	Yes	Steam	Yes	2	Yes	44	None	24	425	Yes	Yes
Dec. 18	First Ward School	Big Rapids	2	No	Steam	Yes	2	Yes	4	None	16	20	Yes	Yes
Dec. 18	Fifth Ward School	Big Rapids	2	Yes	Steam	Yes	1	Yes	6	Yes	18	67	Yes	Yes
Dec. 18	Third Ward School	Big Rapids	2	Yes	Steam	Yes	1	Yes	6	Yes	18	102	Yes	Yes
Dec. 11	Mecosta School	Mecosta	2	Yes	Stoves		1	Yes	3	None	18	33	Yes	No
Dec. 12	Millbrook School	Millbrook	1	No	Hot air	Yes	2	Yes	3	None	10		No	No
Dec. 15	Morley School	Morley	2	Yes	Steam	Yes	1	Yes	3	None	18	51	Yes	Yes
Dec. 11	Remus School	Remus	1	No	Steam	Yes		Yes	3	No			Yes	Yes
Dec. 18	Rodney School	Rodney	1	No	Stove			Yes	1	Yes			Yes	No
Dec. 15	Stanwood School	Stanwood	2	Yes	Stove		1	Yes	3	None	18	25	Yes	No
	Midland County.													
June 20	High School	Coleman	2	No	Steam	Yes	2	Yes	7	Yes	20	141	Yes	Yes
June 20	Public School	Midland	2	No	Steam	Yes	1	Yes	13	Yes	12	344	Yes	Yes
	Missaukee County.													
Oct. 31	Jennings School	Jennings	1	No	Steam		4	Yes	5	No			No	No
Oct. 31	Lake City School	Lake City	2	No	Steam	Yes	2	Yes	8	Yes	18	107	Yes	Yes
Oct. 29	McBain School	McBain	2	Yes	Steam	Yes	2	Yes	7	No	18	63	Yes	Yes
	Monroe County.													
Dec. 13	Carleton School	Carleton	2	Yes	Steam	Yes	1	Yes	8	Yes	18	70	Yes	Yes
Dec. 12	Central School	Monroe	2	Yes	Hot air	Yes	2	Yes	4	Yes	18	70	Yes	Yes
Dec. 12	Monroe High School	Monroe	2	No	Steam	Yes	2	Yes	15	Yes	18	200	No	No
Dec. 12	Lincoln School	Monroe	2	Yes	Hot air	Yes	1	Yes	2	Yes	14	25	Yes	Yes
Dec. 12	Union School	Monroe	2	No	Hot air	Yes	2	Yes	6	Yes	15	75	Yes	Yes
Dec. 12	Union School	Monroe	2	Yes	Hot air	Yes	2	Yes	4	Yes	15	90	Yes	Yes
	Montcalm County.													
Nov. 25	Butternut School	Butternut	1	No	Stove			Yes	2	None			Yes	No
Nov. 24	Carson City School	Carson City	2	No	Steam	Yes	2	Yes	6	Yes	20	110	Yes	Yes
Dec. 8	Coral School	Coral	2	No	Hot air	Yes	2	Yes	3	None	18	27	No	No
Nov. 25	Crystal School	Crystal	2	Yes	Hot air	Yes	1	Yes	4	None	18	42	Yes	Yes
July 19	School No. 2	Day Township	1	No	Stoves			No	3				No	No

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	MONTCALM CO.—*Con.*													
Nov. 13	Edmore School	Edmore	2	No	Steam	Yes	2	Yes	6	Yes	20	90	Yes	No
Nov. 21	Cass Street School	Greenville	2	Yes	Steam	Yes	2	Yes	4	None	20	79	Yes	Yes
Nov. 21	Clay Street School	Greenville	2	Yes	Steam	Yes	1	Yes	6	None	20	105	Yes	Yes
Nov. 21	Greenville School	Greenville	2	No	Steam	Yes	2	Yes	28	None	25	205	Yes	Yes
Nov. 11	Howard City School	Howard City	2	Yes	Steam	Yes	1	Yes	9	Yes	20	120	Yes	Yes
Nov. 14	Lakeview School	Lakeview	2	Yes	Stoves		3	Yes	5	None	25	101	Yes	Yes
Nov. 14	Lakeview School	Lakeview	2	Yes	Stoves		1	Yes	2	None	18	28	Yes	Yes
Nov. 13	McBrides School	McBrides	1	No	Stove			No	3	None			No	No
Nov. 11	Pierson School	Pierson	1	No	Stove			Yes	2	None			No	No
Nov. 26	Sheridan School	Sheridan	2	Yes	Steam	No	1	Yes	6	None	20	82	Yes	Yes
Nov. 13	Six Lake School	Six Lake	1	No	Stove			Yes	2	Yes			No	No
Nov. 12	Stanton Union School	Stanton	2	No	Hot air	Yes	2	Yes	9	None	20	130	Yes	Yes
Dec. 8	Trufant School	Trufant	1	No	Stove			Yes	1	Yes			Yes	No
Nov. 26	Vickeryville School	Vickeryville	1	No	Stove			Yes	1	Yes			Yes	No
Dec. 9	Vestaburg School	Vestaburg	1	No	Steam	Yes		Yes	4	None			Yes	Yes
Aug. 21	Acadia High School	Acadia	2	No	Steam	Yes	2	Yes	7	Yes	16	60	Yes	Yes
	MONTMORENCY COUNTY.													
Dec. 23	Lewiston School	Lewiston	2	Yes	Steam	Yes	1	Yes	6	No	14	40	Yes	Yes
	MUSKEGON COUNTY.													
Dec. 3	Angle School	Muskegon	2	Yes	Steam	Yes	1	Yes	9	Yes	24	168	Yes	Yes
Dec. 3	Blufton School	Muskegon	1	No	Hot air	Yes		Yes	3	No			Yes	Yes
Dec. 3	Bunker School	Muskegon	2	No	Steam	Yes	1	Yes	8	No	24	125	Yes	Yes
Dec. 3	Frederick Nims School	Muskegon	2	No	Steam	Yes	2	Yes	90	No	30	115	No	No
Dec. 3	Frobbel School	Muskegon	2	No	Steam	Yes	1	Yes	8	No	22	153	Yes	Yes
Dec. 3	Hackley School	Muskegon	3	No	Steam	Yes	4	Yes	16	No	24	350	Yes	Yes

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Dec. 3	Hackley School	Muskegon	2	Yes	Steam	Yes	4	Yes	23	No	26	178	Yes	Yes
Dec. 3	Howard Mann School	Muskegon	2	Yes	Steam	Yes	2	Yes	7	Yes	25	150	Yes	Yes
Dec. 3	Muskegon High School	Muskegon	3	No	Steam	Yes	3	Yes	22	No	24	250	Yes	Yes
Dec. 3	McLaughlin School	Muskegon	2	No	Steam	Yes	3	Yes	12		25	248	Yes	Yes
Dec. 3	Nelson School	Muskegon	3	Yes	Steam	Yes	2	Yes	9	No	25	160	Yes	Yes
Dec. 3	Pittsburg School	Muskegon	2	No	Steam	Yes	1	Yes	8	No	24	167	Yes	Yes
	Newaygo County.													
Nov. 7	Fremont School	Fremont	2	No	Steam	Yes	7	Yes	20	No	16	200	Yes	Yes
Nov. 7	Grant School	Grant	2	Yes	Steam	Yes	1	Yes	4	Yes	18	90	Yes	Yes
Nov. 8	Newaygo School	Newaygo	2	Yes	Steam	Yes	3	Yes	10	No	17	150	Yes	Yes
Nov. 7	White Cloud School	White Cloud	2	Yes	Steam	Yes	1	Yes	6	No	18	84	Yes	Yes
	Oakland County.													
Sept. 30	Birmingham School	Birmingham	2	Yes	Steam	Yes	1	Yes	21		18	167	Yes	Yes
Feb. 18	Bagley School	Pontiac	2	Yes	Hot air		3	Yes	4	Yes	20	65	Yes	Yes
Feb. 20	Baldwin School	Pontiac	1	No	Steam	Yes		No	2				Yes	Yes
Feb. 20	Baldwin School	Pontiac	2	No	Steam	Yes	5	No	8		22	200	Yes	Yes
Feb. 20	Central School	Pontiac	2	No	Steam	Yes	5	No	8		22	131	Yes	Yes
Feb. 19	Crofoot School	Pontiac	2	No	Hot air		5	No	12		20	210	Yes	Yes
Feb. 19	Florence Ave. School	Pontiac	1	No	Hot air		2	No	4	None			Yes	Yes
Feb. 18	John P. Wilson School	Pontiac	2	No	Steam	Yes	5	No	10	None	22	177	Yes	Yes
Feb. 19	McConnell School	Pontiac	1	No	Stove			No	1				Yes	Yes
Feb. 19	McConnell School	Pontiac	2	No	Steam	Yes	5	No	8		20	164	Yes	Yes
Feb. 20	Pontiac High School	Pontiac	1	No	Steam	Yes		No	12				Yes	Yes
Feb. 20	St. Frederick School	Pontiac	2	Yes	Steam	Yes	2	No	6		18	140	Yes	Yes
Feb. 19	Wisner School	Pontiac	2	No	Steam	Yes	5	No	10		22	195	Yes	Yes
	Oceana County.													
Dec. 10	Hart Public School	Hart	2	Yes	Steam	Yes	4	No	20	No	20	200	Yes	Yes
Dec. 10	Shelby School	Shelby	3	No	Steam	Yes	2	Yes	15	Yes	30	180	Yes	Yes
	Ogemaw County.													
Aug. 28	School Building	Rose City	1	No	Hot air	Yes	5	Yes	4	Yes			No	No
Sept. 22	High School	West Branch	2	No	Steam	Yes	2	Yes	10	None	20	130	Yes	Yes
Sept. 22	West Branch School	West Branch	1	No	Steam	Yes		Yes	10	No			No	Yes

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	Ontonagon County.													
Dec. 23	Buch School	Ontonagon	1	No	Stove	Yes	1	Yes	1	Yes			Yes	Yes
Dec. 23	Crambly School	Ontonagon	1	No	Stove	Yes		Yes	1	Yes			Yes	Yes
Dec. 22	Central School	Ontonagon	2	Yes	Steam	No	2	Yes	10	Yes	20	180	Yes	Yes
Dec. 22	Corrall School	Ontonagon	1	No	Stove	Yes		Yes	1	Yes			Yes	Yes
Dec. 23	Green School	Ontonagon	1	No	Stove	Yes	1	Yes	1	Yes			Yes	Yes
Dec. 22	High School	Ontonagon	3	Yes	Steam	Yes	3	Yes	17	Yes	20	161	Yes	Yes
Dec. 22	North Flint Street School	Ontonagon	1	No	Stove	Yes	None	Yes	1	Yes			Yes	Yes
Dec. 23	Rockland Road School	Ontonagon	1	No	Stove	Yes	None	Yes	1	Yes			Yes	Yes
Dec. 22	South Side School	Ontonagon	1	No	Hot air	Yes	None	Yes	1	Yes			Yes	Yes
Dec. 23	South Flint School	Ontonagon	1	No	Stove	Yes		Yes	2	Yes			Yes	Yes
Dec. 23	West Side School	Ontonagon	1	No	Stove	Yes		Yes		Yes			Yes	Yes
	Osceola County.													
Dec. 22	Dighton School	Dighton	2	Yes	Steam	Yes	1	Yes	4	No	18	40	Yes	Yes
Dec. 19	Evart High School	Evart	2	Yes	Steam	Yes	2	Yes	15	None	20	152	Yes	Yes
Dec. 20	Hersey School	Hersey	2	Yes	Steam	Yes	2	Yes	5	Yes	17	42	Yes	Yes
Dec. 24	LeRoy School	LeRoy	2	No	Steam	Yes	2	Yes	4	Yes	20	50	Yes	Yes
Dec. 24	Tustin School	Tustin	2	No	Steam	Yes	2	Yes	5	No	18	80	Yes	Yes
	Otsego County.													
Dec. 24	Elmira High School	Elmira	2	No	Steam	Yes	1	Yes	5		16	30	Yes	Yes
Dec. 20	Gaylord High School	Gaylord	2	No	Hot air		2	Yes	10	No	16	160	Yes	Yes
Dec. 29	Johannesburg School	Johannesburg	2	No	Steam	Yes	2	Yes	4		16	16	No	No

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	Ottawa County.													
Aug.	Central School	Grand Haven	3	Yes	Hot air	Yes	3	Yes	25	No	8	500	Yes	Yes
Aug.	Fourth Ward School	Grand Haven	3	No	Hot air	Yes	2	Yes	10	No	8	150	Yes	Yes
Nov. 11	Central Building	Holland	2	Yes	Steam	Yes	2	Yes		No	20	160	Yes	Yes
Nov. 11	Columbia Ave. School	Holland	2	Yes	Steam	Yes	2	Yes	8	Yes	24	188	Yes	Yes
Nov. 11	Junior High School	Holland	2	Yes	Steam	Yes	3	Yes	8	Yes	22	160	Yes	Yes
Nov. 12	Maple Ave. School	Holland	2	Yes	Steam	Yes	2	Yes	8	No	16	165	Yes	Yes
Nov. 11	Maple Grove School	Holland	2	Yes	Steam	Yes	2	Yes	9	Yes	22	150	Yes	Yes
Nov. 11	New High School	Holland	3	No	Steam	Yes	2	Yes	22	No	20	325	Yes	Yes
Nov. 12	Van Raalte School	Holland	2	Yes	Steam	Yes	2	Yes	8	None	22	162	Yes	Yes
Nov. 12	Grade School	Zeeland	2	Yes	Steam	Yes	4	Yes	10	Yes	20	220	Yes	Yes
Nov. 12	High School	Zeeland	2	Yes	Steam	Yes	2	Yes	7	Yes	20	135	Yes	Yes
Nov. 12	Kindergarten	Zeeland	1	No	Hot air	Yes	2	Yes	2	None			No	No
	Presque Isle County.													
Dec. 6	Colonial School	Presque Isle	4	No	Stoves			Yes	3	No			No	No
Dec. 9	Onaway School	Presque Isle	2	Yes	Steam	Yes	2	Yes	8	Yes	14	105	Yes	Yes
Dec. 8	Onaway School	Onaway	2	Yes	Steam	Yes	2	Yes	10	Yes	14	60	Yes	Yes
Dec. 10	Rogers Union School	Rogers	2	Yes	Hot air		1	Yes	4	Yes	16	70	Yes	Yes
	Roscommon County.													
Oct. 9	School District No. 3	Richfield	2	No	Stoves	Yes	1	No	1				No	Yes
Oct. 9	School District No. 1	Richfield	1	No	Stoves	Yes	1	Yes	1				No	Yes
Oct. 9	School District No. 2	Richfield	1	No	Stoves	Yes	1	Yes	1				No	No
Oct. 9	School District No. 1	Gerrish	1	No	Stoves	Yes	1	Yes	1				No	Yes
Oct. 9	School District No. 1	Roscommon	2	Yes	Stoves	Yes	1	Yes	5	No	18	32	Yes	Yes
Sept. 23	School District No. 5	St. Helen	1	No	Stove	Yes	1	No	1	No			No	No
	Saginaw County.													
Nov. 24	Public School	St. Charles	2	No	Steam	Yes	4	Yes	9	Yes	20	185	Yes	Yes
	St. Clair County.													
Nov. 4	Vil School	Algonac	2	Yes	Steam	Yes	2	Yes	11	Yes	15	187	Yes	Yes
Nov. 5	Avoca School	Avoca	1	No	Hot air			Yes	2	Yes			No	No
Nov. 5	Berville School	Berville	2	No	Steam	Yes	2	Yes	2	Yes	15		No	No
Aug. 29	Capac School	Capac	3	Yes	Steam	Yes	1	Yes	6	Yes	16	150	Yes	Yes
Nov. 1	Second Ward School	Marine City	2	Yes	Steam	Yes	2	Yes	4	Yes	12	60	Yes	Yes

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

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	ST. CLAIR CO.—*Con.*													
Nov. 1	Third Ward School	Marine City	2	Yes	Steam	Yes	2	Yes	4	Yes	15	61	Yes	Yes
Nov. 1	First Ward School	Marine City	2	No	Steam	Yes	3	Yes	6	Yes	12	107	Yes	Yes
Nov. 5	Memphis School	Memphis	2	No	Stove	.....	1	Yes	3	Yes	12	76	Yes	No
Oct. 29	Adams School	Port Huron	2	Yes	Steam	Yes	2	Yes	4	None	20	74	Yes	Yes
.....	Bucknan School	Port Huron	2	Yes	Steam	Yes	1	Yes	3	None	20	50	Yes	Yes
Oct. 28	Filmore School	Port Huron	2	Yes	Steam	Yes	3	Yes	11	None	19	195	Yes	Yes
Oct. 29	Harrison School	Port Huron	2	Yes	Steam	Yes	2	Yes	5	None	19	97	Yes	Yes
Oct. 28	Jackson School	Port Huron	2	Yes	Steam	Yes	1	Yes	4	None	18	66	Yes	Yes
Oct. 29	Jefferson School	Port Huron	2	Yes	Steam	Yes	2	Yes	8	None	15	127	Yes	Yes
Oct. 29	Lincoln School	Port Huron	2	Yes	Steam	Yes	2	Yes	3	None	12	120	Yes	Yes
Oct. 29	Madden School	Port Huron	2	Yes	Steam	Yes	1	Yes	4	.....	17	73	Yes	Yes
Nov.	Monroe School	Port Huron	2	Yes	Steam	Yes	1	Yes	4	None	16	78	Yes	Yes
Oct. 28	Paine School	Port Huron	2	Yes	Steam	Yes	1	Yes	3	None	18	80	Yes	Yes
Oct. 29	Polk School	Port Huron	2	Yes	Steam	Yes	2	Yes	5	None	18	101	Yes	Yes
Oct. 29	Tyler School	Port Huron	2	Yes	Steam	Yes	2	Yes	5	None	19	69	Yes	Yes
Oct. 29	Van Buren School	Port Huron	2	Yes	Steam	Yes	1	Yes	4	None	18	76	Yes	Yes
Oct. 29	Washington School	Port Huron	3	Yes	Steam	Yes	2	Yes	11	None	18	280	Yes	Yes
Oct. 31	Yale Public School	Yale	2	Yes	Hot air	Yes	2	Yes	12	Yes	16	194	No	No
	ST. JOSEPH COUNTY.													
Aug. 20	Burr Oak School	Burr Oak	3	Yes	Stoves	Yes	1	Yes	6	None	20	120	Yes	Yes
July 29	Centerville School	Centerville	3	Yes	Steam	Yes	2	Yes	7	None	20	90	No	Yes
July 30	Constantine School	Constantine	2	Yes	Steam	Yes	2	Yes	7	.....	22	100	No	No
July 31	Colon School	Colon	2	Yes	Steam	Yes	1	Yes	8	None	20	100	Yes	Yes
Aug. 23	Mendon School	Mendon	2	No	Steam	Yes	2	Yes	6	None	24	60	Yes	Yes
July 30	Sturgis School	Sturgis	3	Yes	Steam	Yes	5	Yes	14	None	20	480	Yes	Yes
July 30	First Ward School	Sturgis	2	No	Hot air	Yes	2	Yes	6	None	12	None	Yes	Yes
July 30	Second Ward School	Sturgis	1	No	Steam	Yes	.....	Yes	2	None	.....	.....	Yes	Yes
Aug. 22	Three Rivers School	Three Rivers	2	No	Hot air	Yes	2	No	9	None	22	180	Yes	Yes

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Aug. 22	Three Rivers School	Three Rivers	2	No	Hot air	Yes	2	Yes	15	None	22	279	Yes	Yes
Aug. 22	Second Ward School	Three Rivers	2	Yes	Hot air	Yes	2	Yes	8	None	22	140	Yes	Yes
Feb. 24	White Pigeon School	White Pigeon	3	Yes	Hot air	Yes	3	Yes	5	Yes	22	110	Yes	Yes
Aug. 22	White Pigeon School	White Pigeon	3	Yes	Hot air	Yes	1	Yes	5	Yes	22	70	Yes	Yes
	Sanilac County.													
Sept. 23	Applegate School	Applegate	1	No	Stoves			Yes		Yes			No	No
Sept. 26	Carsonville School	Carsonville	1	No	Stove			Yes	2				No	No
Sept. 23	Croswell School	Croswell	2	Yes	Steam	Yes	2	Yes	8	Yes	15	160	Yes	Yes
Sept. 25	Deckerville School	Deckerville	2	No	Hot air		1	Yes	3	None	12	35	No	No
Sept. 24	Minden City School	Minden City	1	No	Stove			Yes	3	None			No	No
Sept. 26	Sandusky School	Sandusky	2	No	Hot air		2	Yes	4	Yes	15	76	Yes	No
	Schoolcraft County.													
Oct. 28	Central School	Manistique	2	Yes	Hot air		5		12	Yes	20	189	Yes	Yes
Oct. 28	Central Annex	Manistique	1	No	Hot air			Yes	3	Yes			No	No
Oct. 28	Lake Side School	Manistique	2	Yes	Hot air		2	Yes	8	Yes	16	65	Yes	Yes
Oct. 28	West Side School	Manistique	2	Yes	Hot air		4	Yes	8	Yes	16	125	Yes	Yes
	Shiawassee County.													
June 10	Bancroft School	Bancroft	3	Yes	Hot air	Yes	2	Yes	6	Yes	20	61	Yes	Yes
June 12	Byron Union School	Byron	2	Yes	Hot air	Yes	2	Yes	4	No	16	60	Yes	Yes
June 6	Corunna School	Corunna	2	No	Hot air	Yes	4	Yes	17	No	20	155	Yes	Yes
June 11	Central School	Durand	2	Yes	Hot air	Yes	3	Yes	16	Yes		182	Yes	Yes
June 11	Ward School	Durand	2	Yes	Hot air	Yes	2	Yes	4	Yes	18	70	Yes	Yes
June 7	Laingsburg School	Laingsburg	2	Yes	Steam	Yes	1	Yes	5	Yes	4	80	Yes	Yes
June 7	Morrice School	Morrice	2	Yes	Hot air	Yes	1	Yes	7		16	41	Yes	Yes
June 13	New Lathrop School	New Lathrop	2	No	Stove		2	Yes	3	No	12	35	Yes	Yes
June 3	Bryant School	Owosso	2	Yes	Hot air	Yes	2	Yes	8	Yes	18	120	Yes	Yes
June 3	Central School	Owosso	2	No	Steam	Yes	3	Yes	24	Yes	18	300	Yes	Yes
June 3	Emerson School	Owosso	2	Yes	Hot air	Yes	2	Yes	8	Yes	18	140	Yes	Yes
June 3	Washington School	Owosso	2	Yes	Hot air	Yes	2	Yes	8	Yes	18	150	Yes	Yes
June 10	High School	Perry	2	Yes	Hot air	Yes	2	Yes	5	No	22	70	Yes	Yes
June 12	Vernon Public School	Vernon	2	Yes	Steam	Yes	2	Yes	4	Yes	18	33	Yes	Yes
	Tuscola County.													
Sept. 20	Caro High School	Caro	2	Yes	Steam	Yes	2	Yes	9	Yes	18	215	Yes	Yes

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	Van Buren County.													
Nov. 13	Grand Junction School	Grand Junction	2	Yes	Hot air	Yes	3	Yes	1	No	18	40	No	No
Aug. 21	Hartford School	Hartford	2	Yes	Hot air	Yes	2	Yes	10	Yes	22	137	Yes	Yes
Sept. 9	Kendalls School	Kendalls	2	No	Hot air	Yes	1	Yes	2	No	16	None	No	No
Sept. 9	Lacota School	Lacota	2	No	Hot air	Yes	1	Yes	2	Yes	20	23	Yes	Yes
Aug. 21	Lawrence District No. 2	Lawrence	2	Yes	Steam	Yes	1	Yes	6	No	24	93	Yes	Yes
Aug. 22	Lawton High School	Lawton	2	Yes	Steam	Yes	3	Yes	8	Yes	18	129	Yes	Yes
Aug. 22	Mattawan School	Mattawan	2	No	Steam	Yes	1	Yes	8	None	12	70	Yes	Yes
Aug. 19	High School	Paw Paw	3	Yes	Steam	Yes	2	Yes	13	No	25	200	Yes	Yes
Aug. 19	Annex to High School	Paw Paw	1	No	Hot air	Yes	None	Yes	2	Yes	.....	.....	Yes	Yes
	Washtenaw County.													
Sept. 3	Ann Arbor School	Ann Arbor	2	No	Steam	Yes	2	Yes	40	Yes	25	700	No	No
Sept. 3	Jones School	Ann Arbor	2	No	Steam	Yes	2	Yes	6	Yes	15	150	Yes	Yes
Sept. 3	Mack School	Ann Arbor	2	No	Steam	Yes	2	Yes	8	Yes	15	300	Yes	Yes
Sept. 3	Second Ward School	Ann Arbor	2	No	Steam	Yes	2	Yes	8	Yes	15	170	Yes	Yes
Sept. 3	St. Thomas School	Ann Arbor	2	No	Steam	Yes	2	Yes	6	Yes	15	100	Yes	Yes
Sept. 3	Tappan School	Ann Arbor	2	No	Steam	Yes	4	Yes	8	Yes	15	350	Yes	Yes
Sept. 3	Zion Lutheran School	Ann Arbor	1	No	Steam	Yes	1	Yes	2	Yes	14	None	Yes	Yes
Aug. 7	Chelsea Grade School	Chelsea	2	Yes	Hot air	Yes	1	Yes	6	Yes	14	65	Yes	Yes
Aug. 7	Chelsea High School	Chelsea	2	Yes	Steam	Yes	2	Yes	12	Yes	14	165	Yes	Yes
Sept. 6	Chelsea Grade School	Chelsea	2	Yes	Steam	Yes	1	Yes	5	Yes	12	100	Yes	Yes
Sept. 6	Chelsea High School	Chelsea	2	No	Steam	Yes	2	Yes	10	Yes	20	450	Yes	Yes
Sept. 6	St. Marys School	Chelsea	2	No	Hot air	Yes	2	Yes	4	Yes	20	None	Yes	Yes
Sept. 12	Milan School	Milan	2	No	Hot air	Yes	2	Yes	12	Yes	25	175	Yes	No
Sept. 6	Saline High School	Saline	3	Yes	Steam	Yes	2	Yes	10	Yes	25	90	Yes	Yes
Aug. 6	Cleary Business College	Ypsilanti	2	No	Hot air	Yes	3	Yes	17	Yes	12	75	No	No
Sept. 3	State Normal Building	Ypsilanti	3	Yes	Steam	Yes	4	Yes	50	Yes	20	500	No	Yes
Aug. 6	Ypsilanti High School	Ypsilanti	3	Yes	Steam	Yes	2	Yes	23	Yes	15	360	Yes	Yes
Sept. 2	Woodruff School	Ypsilanti	2	No	Hot air	Yes	1	Yes	8	Yes	20	130	Yes	Yes

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	WAYNE COUNTY.													
Nov. 24	Belleville School	Belleville	2	Yes	Steam	Yes	2	No	5	Yes	22	85	Yes	Yes
Feb. 11	Dearborn School	Dearborn	3	Yes	Hot air		4	Yes	10	Yes	20	125	Yes	No
Jan. 21	Alger School	Detroit	2	Yes	Steam	Yes	4	Yes	14	Yes	21	313	Yes	Yes
Jan. 23	Amos School	Detroit	2	No	Steam	Yes	9	Yes	18	None	24	410	Yes	Yes
Jan. 15	Annunciation School	Detroit	2	No	Steam	Yes	6	Yes	8	None	22	230	Yes	Yes
Jan. 29	Assumption School	Detroit	2	No	Steam	Yes	2	Yes	7	Yes	20	157	Yes	Yes
Jan. 20	Bagley School	Detroit	2	No	Hot air		4	Yes	6	None	20	115	Yes	Yes
Jan. 12	Barstow School	Detroit	2	No	Steam	Yes	6	Yes	16	None	20	250	Yes	Yes
Jan. 13	Bellevue School	Detroit	2	Yes	Steam	Yes	6	Yes	17	None	20	275	Yes	Yes
Jan. 14	Bellefontaine School	Detroit	2	No	Hot air		6	Yes	6	Yes	18	125	Yes	Yes
Jan. 20	Benjamin Franklin School	Detroit	2	No	Steam	Yes	5	Yes	24	None	22	400	Yes	Yes
Jan. 13	Berry School	Detroit	2	No	Hot air		6	Yes	12	None	22	325	Yes	Yes
Jan. 14	Bethlehem School	Detroit	2	Yes	Steam	Yes	1	Yes	2	None	18	75	Yes	Yes
Feb. 2	Blessed Sacrament School	Detroit	2	No	Steam	Yes	6	Yes	12	None	22	510	Yes	Yes
Jan. 15	Bishop School	Detroit	3	Yes	Steam	Yes	6	Yes	28	None	20	700	Yes	Yes
Jan. 14	Bradford School	Detroit	2	No	Steam	Yes	2	Yes	14	Yes	20	280	Yes	Yes
Jan. 12	Brownson School	Detroit	2	No	Hot air	Yes	5	Yes	8	None	22	135	Yes	Yes
Jan. 23	Campbell School	Detroit	2	Yes	Steam	Yes	9	Yes	18	None	22	400	Yes	Yes
Jan. 20	Campau School	Detroit	2	No	Steam	Yes	3	Yes	14	None	20	300	Yes	Yes
Jan. 8	Cass Annex School	Detroit	2	Yes	Hot air		4	Yes	8	None	14	96	Yes	Yes
Jan. 8	Cass Technical School	Detroit	3	No	Steam	Yes	17	Yes	50	None	18	600	Yes	Yes
Jan. 26	Central High School	Detroit	3	Yes	Steam	Yes	29	Yes	100	None	25	1,297	Yes	Yes
Jan. 13	Chaney School	Detroit	2	Yes	Steam	Yes	5	Yes	12	None	22	200	Yes	Yes
Jan. 14	Chandler School	Detroit	2	No	Steam	Yes	7	Yes	14	None	20	300	Yes	Yes
Jan. 13	Christ German School	Detroit	2	No	Stove		1	Yes	1	None		None	Yes	Yes
Jan. 29	Clarence Burton School	Detroit	2	No	Steam	Yes	5	No	16	None	20	297	Yes	Yes
Jan. 26	Clay School	Detroit	2	Yes	Hot air		5	Yes	8	None	18	150	Yes	Yes
Jan. 13	Clinton School	Detroit	2	No	Steam	Yes	2	Yes	5	Yes	24	296	Yes	Yes
Jan. 27	Columbia School	Detroit	2	No	Steam	Yes	5	Yes	24	None	20	400	Yes	Yes
Jan. 20	Concordia School	Detroit	2	Yes	Stove		2	Yes	1	Yes	20	None	Yes	Yes
Jan. 9	Conrad Clippert School	Detroit	2	No	Steam	Yes	6	No	16	None	20	200	Yes	Yes
Jan. 27	Concordia School	Detroit	2	No	Steam	Yes	4	Yes	4	Yes	20	None	Yes	Yes
Jan. 13	Craft School	Detroit	2	No	Steam	Yes	5	Yes	14	None	25	300	Yes	Yes
Jan. 22	Custer School	Detroit	2	No	Stove		1	Yes	2	None	18	27	Yes	No
Jan. 15	David Preston School	Detroit	2	No	Hot air		5	Yes	8	None	24	157	Yes	Yes
Jan. 19	Detroit University	Detroit	3	No	Steam	Yes	5	Yes	15	None	15	100	Yes	Yes
Jan. 21	Dickinson School	Detroit	2	Yes	Hot air		5	Yes	8	None	20	190	Yes	Yes
Jan. 29	Duane Doty School	Detroit	2	No	Steam	Yes	6	No	16	None	20	300	Yes	Yes
Jan. 14	Duffield School	Detroit	3	Yes	Steam	Yes	5	Yes	18	Yes	20	500	Yes	Yes
Jan. 22	Holy Cross School	Detroit	2	No	Stove		1	No	4	Yes	16	None	Yes	Yes

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	Van Buren County.													
Nov. 13	Grand Junction School	Grand Junction	2	Yes	Hot air	Yes	3	Yes	1	No	18	40	No	No
Aug. 21	Hartford School	Hartford	2	Yes	Hot air	Yes	2	Yes	10	Yes	22	137	Yes	Yes
Sept. 9	Kendalls School	Kendalls	2	No	Hot air	Yes	1	Yes	2	No	16	None	No	No
Sept. 9	Lacota School	Lacota	2	No	Hot air	Yes	1	Yes	2	Yes	20	23	Yes	Yes
Aug. 21	Lawrence District No. 2	Lawrence	2	Yes	Steam	Yes	1	Yes	6	No	24	93	Yes	Yes
Aug. 22	Lawton High School	Lawton	2	Yes	Steam	Yes	3	Yes	8	Yes	18	129	Yes	Yes
Aug. 22	Mattawan School	Mattawan	2	No	Steam	Yes	1	Yes	8	None	12	70	Yes	Yes
Aug. 19	High School	Paw Paw	3	Yes	Steam	Yes	2	Yes	13	No	25	200	Yes	Yes
Aug. 19	Annex to High School	Paw Paw	1	No	Hot air	Yes	None	Yes	2	Yes	.....	.....	Yes	Yes
	Washtenaw County.													
Sept. 3	Ann Arbor School	Ann Arbor	2	No	Steam	Yes	2	Yes	40	Yes	25	700	No	No
Sept. 3	Jones School	Ann Arbor	2	No	Steam	Yes	2	Yes	6	Yes	15	150	Yes	Yes
Sept. 3	Mack School	Ann Arbor	2	No	Steam	Yes	2	Yes	8	Yes	15	300	Yes	Yes
Sept. 3	Second Ward School	Ann Arbor	2	No	Steam	Yes	2	Yes	8	Yes	15	170	Yes	Yes
Sept. 3	St. Thomas School	Ann Arbor	2	No	Steam	Yes	2	Yes	6	Yes	15	100	Yes	Yes
Sept. 3	Tappan School	Ann Arbor	2	No	Steam	Yes	4	Yes	8	Yes	15	350	Yes	Yes
Sept. 3	Zion Lutheran School	Ann Arbor	1	No	Steam	Yes	1	Yes	2	Yes	14	None	Yes	Yes
Aug. 7	Chelsea Grade School	Chelsea	2	Yes	Hot air	Yes	1	Yes	6	Yes	14	65	Yes	Yes
Aug. 7	Chelsea High School	Chelsea	2	Yes	Steam	Yes	2	Yes	12	Yes	14	165	Yes	Yes
Sept. 6	Chelsea Grade School	Chelsea	2	Yes	Steam	Yes	1	Yes	5	Yes	12	100	Yes	Yes
Sept. 6	Chelsea High School	Chelsea	2	No	Steam	Yes	2	Yes	10	Yes	20	450	Yes	Yes
Sept. 6	St. Marys School	Chelsea	2	No	Hot air	Yes	2	Yes	4	Yes	20	None	Yes	Yes
Sept. 12	Milan School	Milan	2	No	Hot air	Yes	2	Yes	12	Yes	25	175	Yes	No
Sept. 6	Saline High School	Saline	3	Yes	Steam	Yes	2	Yes	10	Yes	25	90	Yes	Yes
Aug. 6	Cleary Business College	Ypsilanti	2	No	Hot air	Yes	3	Yes	17	Yes	12	75	No	No
Sept. 3	State Normal Building	Ypsilanti	3	Yes	Steam	Yes	4	Yes	50	Yes	20	500	No	Yes
Aug. 6	Ypsilanti High School	Ypsilanti	3	Yes	Steam	Yes	2	Yes	23	Yes	15	360	Yes	Yes
Sept. 2	Woodruff School	Ypsilanti	2	No	Hot air	Yes	1	Yes	8	Yes	20	130	Yes	Yes

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	WAYNE COUNTY.													
Nov. 24	Belleville School	Belleville	2	Yes	Steam	Yes	2	No	5	Yes	22	85	Yes	Yes
Feb. 11	Dearborn School	Dearborn	3	Yes	Hot air		4	Yes	10	Yes	20	125	Yes	No
Jan. 21	Alger School	Detroit	2	Yes	Steam	Yes	4	Yes	14	Yes	21	313	Yes	Yes
Jan. 23	Amos School	Detroit	2	No	Steam	Yes	9	Yes	18	None	24	410	Yes	Yes
Jan. 15	Annunciation School	Detroit	2	No	Steam	Yes	6	Yes	8	None	22	230	Yes	Yes
Jan. 29	Assumption School	Detroit	2	No	Steam	Yes	2	Yes	7	Yes	20	157	Yes	Yes
Jan. 20	Bagley School	Detroit	2	No	Hot air		4	Yes	6	None	20	115	Yes	Yes
Jan. 12	Barstow School	Detroit	2	No	Steam	Yes	6	Yes	16	None	20	250	Yes	Yes
Jan. 13	Bellevue School	Detroit	2	Yes	Steam	Yes	6	Yes	17	None	20	275	Yes	Yes
Jan. 14	Bellefontaine School	Detroit	2	No	Hot air		6	Yes	6	Yes	18	125	Yes	Yes
Jan. 20	Benjamin Franklin School	Detroit	2	No	Steam	Yes	5	Yes	24	None	22	400	Yes	Yes
Jan. 13	Berry School	Detroit	2	No	Hot air		6	Yes	12	None	22	325	Yes	Yes
Jan. 14	Bethlehem School	Detroit	2	Yes	Steam	Yes	1	Yes	2	None	18	75	Yes	Yes
Feb. 2	Blessed Sacrament School	Detroit	2	No	Steam	Yes	6	Yes	12	None	22	510	Yes	Yes
Jan. 15	Bishop School	Detroit	3	Yes	Steam	Yes	6	Yes	28	None	20	700	Yes	Yes
Jan. 14	Bradford School	Detroit	2	No	Steam	Yes	2	Yes	14	Yes	20	230	Yes	Yes
Jan. 12	Brownson School	Detroit	2	No	Hot air	Yes	5	Yes	8	None	22	135	Yes	Yes
Jan. 23	Campbell School	Detroit	2	Yes	Steam	Yes	9	Yes	18	None	22	400	Yes	Yes
Jan. 20	Campau School	Detroit	2	No	Steam	Yes	3	Yes	14	None	20	300	Yes	Yes
Jan. 8	Cass Annex School	Detroit	2	Yes	Hot air		4	Yes	8	None	14	96	Yes	Yes
Jan. 8	Cass Technical School	Detroit	3	No	Steam	Yes	17	Yes	50	None	18	600	Yes	Yes
Jan. 26	Central High School	Detroit	3	Yes	Steam	Yes	29	Yes	100	None	25	1,297	Yes	Yes
Jan. 13	Chaney School	Detroit	2	Yes	Steam	Yes	5	Yes	12	None	22	200	Yes	Yes
Jan. 14	Chandler School	Detroit	2	No	Steam	Yes	7	Yes	14	None	20	300	Yes	Yes
Jan. 13	Christ German School	Detroit	2	No	Stove		1	Yes	1	None		None	Yes	Yes
Jan. 29	Clarence Burton School	Detroit	2	No	Steam	Yes	5	No	16	None	20	297	Yes	Yes
Jan. 26	Clay School	Detroit	2	Yes	Hot air		5	Yes	8	None	18	150	Yes	Yes
Jan. 13	Clinton School	Detroit	2	No	Steam	Yes	2	Yes	5	Yes	24	296	Yes	Yes
Jan. 27	Columbia School	Detroit	2	No	Steam	Yes	5	Yes	24	None	20	400	Yes	Yes
Jan. 20	Concordia School	Detroit	2	Yes	Stove		2	Yes	1	Yes	20	None	Yes	Yes
Jan. 9	Conrad Clippert School	Detroit	2	No	Steam	Yes	6	No	16	None	20	200	Yes	Yes
Jan. 27	Concordia School	Detroit	2	No	Steam	Yes	4	Yes	4	Yes	20	None	Yes	Yes
Jan. 13	Craft School	Detroit	2	No	Steam	Yes	5	Yes	14	None	25	300	Yes	Yes
Jan. 22	Custer School	Detroit	2	No	Stove		1	Yes	2	None	18	27	Yes	No
Jan. 15	David Preston School	Detroit	2	No	Hot air		5	Yes	8	None	24	157	Yes	Yes
Jan. 19	Detroit University	Detroit	3	No	Steam	Yes	5	Yes	15	None	15	100	Yes	Yes
Jan. 21	Dickinson School	Detroit	2	Yes	Hot air		5	Yes	8	None	20	190	Yes	Yes
Jan. 29	Duane Doty School	Detroit	2	No	Steam	Yes	6	No	16	None	20	300	Yes	Yes
Jan. 14	Duffield School	Detroit	3	Yes	Steam	Yes	5	Yes	18	Yes	20	500	Yes	Yes
Jan. 22	Holy Cross School	Detroit	2	No	Stove		1	No	4	Yes	16	None	Yes	Yes

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Continued.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	WAYNE CO.—*Con.*													
Jan. 19	Eastern High School	Detroit	3	Yes	Steam	Yes	21	No	80	None	18	1,370	Yes	Yes
Jan. 7	Ellen E. Capron School	Detroit	2	No	Steam	Yes	5	Yes	12	None	20	263	Yes	Yes
Jan. 14	Elizabeth Gillies School	Detroit	2	No	Steam	Yes	6	Yes	15	None	20	250	Yes	Yes
Jan. 20	Emmaus Lutheran School	Detroit	1	No	Stove		None	Yes	1	None		None	Yes	Yes
Jan. 26	Estabrook School	Detroit	2	Yes	Steam	Yes	6	Yes	12	None	22	310	Yes	Yes
Jan. 12	Everette School	Detroit	3	Yes	Hot air		8	Yes	12	Yes	22	150	Yes	Yes
Jan. 19	Evangelical School	Detroit	2	No	Stoves		1	No	2		18	25	Yes	Yes
Jan. 22	Fairbanks School	Detroit	2	Yes	Steam	Yes	5	Yes	12	None	20	229	Yes	Yes
Jan. 21	Farrand School	Detroit	2	Yes	Steam	Yes	3	Yes	15	Yes	19	225	Yes	Yes
Jan. 20	Ferry School	Detroit	2	No	Hot air		2	Yes	12	Yes	19	206	Yes	Yes
Jan. 8	Field School	Detroit	2	No	Steam	Yes	10	Yes	17	None	20	300	Yes	Yes
Jan. 23	Frank H. Beard School	Detroit	2	No	Steam	Yes	5	Yes	14	None	22	433	Yes	Yes
Jan. 23	Garfield School	Detroit	2	No	Steam	Yes	9	Yes	16	None	24	434	Yes	Yes
Jan. 21	German E. L. School	Detroit	2	Yes	Steam	Yes	3	Yes	3	Yes	22	132	Yes	Yes
Jan. 21	German L. School	Detroit	2	Yes	Steam	Yes	2	Yes	3	Yes	20	54	Yes	Yes
Jan. 22	George Jr. High School	Detroit	2	No	Steam	Yes	4	Yes	24	None	24	200	Yes	Yes
Jan. 27	Gethremane E. L. School	Detroit	2	Yes	Steam	Yes	4	Yes	4	None	18	115	Yes	Yes
Jan. 16	Greusel School	Detroit	2	No	Steam	Yes	8	Yes	18	None	24	375	Yes	Yes
Jan. 21	Hancock School	Detroit	2	No	Steam	Yes	5	Yes	14	None	20	263	Yes	Yes
Jan. 16	Harris School	Detroit	2	No	Steam	Yes	6	Yes	14	None	23	260	Yes	Yes
Jan. 6	Herney C. Parke School	Detroit	2	No	Steam	Yes	6	No	17	No	22	270	Yes	Yes
Jan. 19	Higgins School	Detroit	2	No	Steam	Yes	8	Yes	16	None	25	305	Yes	Yes
Jan. 30	Hillger School	Detroit	2	No	Steam	Yes	9	No	16	None	22	350	Yes	Yes
Jan. 23	Holy Cross R. C. School	Detroit	2	No	Steam	Yes	4	No	4	Yes	19	50	Yes	Yes
Jan. 23	Holy Rosary School	Detroit	3	Yes	Steam	Yes	8	Yes	12	Yes	20	330	Yes	Yes
Jan. 23	Houghton School	Detroit	2	No	Steam	Yes	6	Yes	16	None	20	385	Yes	Yes
Jan. 15	Hubbard School	Detroit	2	No	Hot air	None	5	Yes	8	None	20	185	Yes	Yes
Jan. 23	Hugh Carey School	Detroit	2	Yes	Steam	Yes	4	Yes	18	None	22	354	Yes	Yes
Jan. 30	Immanuel E. School	Detroit	2	Yes	Stove		2	Yes	1	None	18	None	Yes	Yes
Jan. 30	Immanuel G. L. School	Detroit	2	Yes	Stove		1	Yes	2	None	12	54	Yes	Yes

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Jan. 30	Immanuel G. L. School	Detroit	2	Yes	Stove		1	Yes	2	None	14	57	Yes	Yes
Jan. 26	Irving School	Detroit	2	No	Steam	Yes	4	Yes	12	Yes	20	231	Yes	Yes
Jan. 30	Ives School	Detroit	2	No	Steam	Yes	6	Yes	16	None	23	140	Yes	Yes
Jan. 13	Jackson School	Detroit	2	Yes	Hot air	Yes	6	Yes	8	Yes	24	178	Yes	Yes
Jan. 23	James McMillan School	Detroit	2	No	Steam	Yes	5	Yes	16	None	18	270	Yes	Yes
Jan. 21	Jefferson Union School	Detroit	3	Yes	Steam	Yes	9	No	18	None	19	467	Yes	Yes
Jan. 19	John F. Bennett School	Detroit	2	No	Steam	Yes	6	No	16	None	20	220	Yes	Yes
Jan. 16	Johnston School	Detroit	2	No	Hot air	Yes	2	Yes	8	None	18	152	Yes	Yes
Jan. 12	John Owen School	Detroit	2	Yes	Steam	Yes	5	Yes	16	None	22	221	Yes	Yes
Jan. 13	Jones School	Detroit	2	No	Steam	Yes	6	Yes	14	None	22	300	Yes	Yes
Jan. 19	Our Lady of Help School	Detroit	3	No	Steam	Yes	3	Yes	9	Yes	20	200	Yes	Yes
Feb. 2	The Liggett School	Detroit	4	Yes	Steam	Yes	12	Yes	30	Yes	20	200	Yes	Yes
Jan. 22	Lincoln School	Detroit	2	None	Steam	Yes	4	Yes	16	Yes	20	320	Yes	Yes
Jan. 16	Lillibridge School	Detroit	2	No	Steam	Yes	10	No	22	None	25	350	Yes	Yes
Jan. 19	Logan School	Detroit	2	Yes	Hot air		4	Yes	12	Yes	25	200	Yes	Yes
Jan. 28	Louis J. Goldberg School	Detroit	2	No	Steam	Yes	5	No	14	None	18	300	Yes	Yes
Jan. 9	Lyster School	Detroit	2	Yes	Steam	Yes	5	Yes	8	None	25	135	Yes	Yes
Jan. 30	Marcy School	Detroit	2	No	Steam	Yes	7	No	16	None	20	250	Yes	Yes
Jan. 26	McGraw School	Detroit	2	Yes	Steam	Yes	5	Yes		None	22	300	Yes	Yes
Jan. 15	McKinstry School	Detroit	2	No	Steam	Yes	4	Yes	15	None	22	245	Yes	Yes
Jan. 9	Monteith School	Detroit	2	No	Steam	Yes	6	Yes	14	None		300	Yes	Yes
Jan. 24	Moore School	Detroit	2	No	Steam	Yes	3	Yes	25	Yes	25	700	Yes	Yes
Jan. 27	Morley School	Detroit	2	No	Steam	Yes	5	Yes	16	None	20	165	Yes	Yes
Jan. 29	Holy Redeemer School	Detroit	2	No	Steam	Yes	9	Yes	22	None	22	600	Yes	Yes
Jan. 17	Holy Trinity School	Detroit	4	Yes	Stoves		7	Yes	16	None	16	200	Yes	Yes
Jan. 28	Nellie Leland School	Detroit	2	No	Hot air		2		2	None	14	None	No	No
Jan. 29	Newberry School	Detroit	2	No	Steam	Yes	7	Yes	18	Yes	18	400	Yes	Yes
Jan. 9	Nichols School	Detroit	2	No	Steam	Yes	8	Yes	16	None	21	370	Yes	Yes
Jan. 29	Northwestern High School	Detroit	2	No	Steam	Yes	9	Yes	48	None	25	401	Yes	Yes
Jan. 19	Norval School	Detroit	2	No	Steam	Yes	3	Yes	22	Yes	20	400	Yes	Yes
Jan. 2	Our Lady of Sorrow School	Detroit	2	Yes	Steam	Yes	3	Yes	8	None	20	30	Yes	Yes
Jan. 7	Palmer School	Detroit	2	None	Steam	Yes	8	No	18	None	20	400	Yes	Yes
Jan. 17	Pingree School	Detroit	2	No	Steam	Yes	6	Yes	14	None	25	330	Yes	Yes
Jan. 12	Pitcher School	Detroit	3	Yes	Steam	Yes	6	Yes	12	Yes	22	271	Yes	Yes
Jan. 21	Poe School	Detroit	2	Yes	Steam	Yes	5	Yes	8	None	24	167	Yes	Yes
Jan. 13	Potter School	Detroit	2	Yes	Hot air		5	Yes	6	None	22	125	Yes	Yes
Jan. 15	Roberts School	Detroit	2	No	Steam	Yes	3	Yes	8	None	22	165	Yes	Yes
Jan. 14	Rose School	Detroit	2	Yes	Steam	Yes	6	Yes	18	None	25	360	Yes	Yes
Jan. 14	Rose School Annex	Detroit	2	No	Steam	Yes	2	No	3	None	14	140	Yes	Yes
Jan. 16	Russell School	Detroit	2	Yes	Hot air	Yes	1	Yes	12	None	20	265	Yes	Yes
Jan. 15	Russell School Annex	Detroit	1	No	Stoves			Yes	2	None		None	Yes	Yes
Jan. 21	Sacred Heart School	Detroit	3	Yes	Hot water	Yes	2	No	8	None	18	125	Yes	Yes
Jan. 22	Sacred Heart School	Detroit	3	Yes	Steam	Yes	5	Yes	19	None	18	800	Yes	Yes
Jan. 21	St. Anthony School	Detroit	3	Yes	Steam	Yes	4	Yes	16	None	22	450	Yes	Yes
Jan. 23	St. Albertus School	Detroit	1	No	Steam	Yes		Yes	3	None			Yes	No

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List of school houses inspected in 1913, showing date of inspection, location, etc.—Concluded.

Date of inspection.	Name of school.	Where located.	Number stories high.	Has building fire escape.	How is building heated.	Is plumbing for heating in safe condition.	Number of stairways leading from all floors.	Do all doors swing outwardly.	How many rooms.	Have storm doors same width as main doors.	Distance from ground to second floor.	Number of children above first floor.	Do they have fire drills.	Do they have fire gongs.
	WAYNE CO.—*Con.*													
Jan. 23	St. Albertus School	Detroit	2	No	Stove		2	Yes		None	18	93	Yes	No
Jan. 23	St. Albertus School	Detroit	3	No	Steam	Yes	10	Yes	16	None	20	454	Yes	Yes
Jan. 16	St. Aloysius School	Detroit	3	Yes	Steam	Yes	3	Yes	4	None	18	40	Yes	Yes
Jan. 16	St. Anne School	Detroit	3	No	Steam	Yes	6	Yes	11	None	18	210	Yes	Yes
Jan. 20	St. Bernard School	Detroit	2	Yes	Steam	Yes	3	No	8	Yes	22	200	Yes	Yes
Jan. 8	St. Charles School	Detroit	2	No	Steam	Yes	5	Yes	10	None	23	200	Yes	Yes
Jan. 20	St. Elizabeth School	Detroit	2	No	Steam	Yes	3	Yes	14	None	19	400	Yes	Yes
Jan. 29	St. Francis School	Detroit	2	No	Steam	Yes	6	Yes	12	Yes	20	500	Yes	Yes
Jan. 21	St. Francisco School	Detroit	2	No	Hot water	Yes	2	Yes	6	Yes	18	60	Yes	Yes
Jan. 27	St. Hedwig School	Detroit	1	No	Stove			Yes	4	None			Yes	Yes
Jan. 27	St. Hedwig School	Detroit	2	No	Steam	Yes	16	Yes	26	None	20	400	Yes	Yes
Jan. 17	St. Hyacinth School	Detroit	2	No	Hot air		4	No	12	Yes	23	25	Yes	Yes
Jan. 30	St. James School	Detroit	2	Yes	Hot air		2	Yes	2	None	20	None	Yes	Yes
Jan. 14	St. Joacims School	Detroit	3	Yes	Steam	Yes	6	Yes	10	Yes	22	160	Yes	Yes
Jan. 27	St. John's Cantius School	Detroit	2	No	Steam	Yes	3	Yes	6	None	20	6	Yes	Yes
Jan. 27	St. John's Cantius School Annex	Detroit	2	No	Steam	Yes	3	No	2	None	18	None	Yes	Yes
Jan. 31	St. John's E. School	Detroit	1	No	Hot air		1	Yes	2	None		None	Yes	Yes
Jan. 30	St. John's E. L. School	Detroit	2	Yes	Steam	Yes	2	Yes	4	Yes	16	120	Yes	Yes
Jan. 20	St. John's E. L. School	Detroit	2	No	Stoves		2	Yes	2	None	21	50	No	No
Jan. 6	St. Johns Parish School	Detroit	2	No	Steam	Yes	3	No	9	None	24	120	No	No
Jan. 7	St. Joseph C. School	Detroit	3	Yes	Hot water	Yes	3	No	5	None	18	150	Yes	Yes
Jan. 7	St. Joseph P. School	Detroit	3	Yes	Hot water	Yes	8	Yes	10	None	16	200	Yes	No
Jan. 23	St. Joseph P. School	Detroit	2	None	Steam	Yes	3	Yes	12	Yes	21	325	Yes	Yes
Jan. 26	St. Leo's School	Detroit	2	No	Steam	Yes	8	Yes	12	Yes	22	250	Yes	Yes
Jan. 16	St. Mary's School	Detroit	4	Yes	Steam	Yes	6	Yes	12	Yes	21	110	Yes	Yes
Jan. 24	St. Marcus G. E. School	Detroit	1	No	Stove		1	Yes	1	Yes		None	No	Yes
Jan. 12	St. Paul E. L. School	Detroit	2	No	Steam	Yes	2	Yes	6	None	16	95	Yes	Yes
Jan. 22	St. Peter's L. School	Detroit	2	Yes	Steam	Yes	4	Yes	4	None	20	60	Yes	Yes
Jan. 29	S. S. Peter & Paul School	Detroit	3	No	Steam	Yes	10	No	10	None	24	200	Yes	Yes
Jan. 19	S. S. Peter & Paul School	Detroit	3	No	Hot air		2	Yes	9	None	18	130	Yes	Yes

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Jan. 23	St. Stanislaus School	Detroit	3	No	Steam	Yes	9	Yes	17	Yes	20	550	Yes	Yes
Jan. 20	St. Thomas E. L. School	Detroit	2	No	Steam	Yes	4	Yes	4	Yes	20	45	Yes	Yes
Jan. 29	St. Vincent De Paul School	Detroit	3	Yes	Steam	Yes	7	Yes	12	None	24	280	Yes	Yes
Jan. 23	St. Wenceslaus School	Detroit	2	No	Hot air		2	Yes	2	None	18		Yes	Yes
Jan. 23	Salem E. L. School	Detroit	2	Yes	Steam	Yes	2	Yes	4	None	25	140	Yes	Yes
Jan. 29	Sampson School	Detroit	2	No	Steam	Yes	6	Yes	16	None	20	140	Yes	Yes
Jan. 19	School for Cripples	Detroit	2	No	Steam	Yes	3	Yes	3	Yes			Yes	Yes
Jan. 9	Scripps School	Detroit	2	Yes	Steam	Yes	6	Yes	13	None	22	214	Yes	Yes
Jan. 28	Sill School	Detroit	2	No	Steam	Yes	5	Yes	14	None	20	271	Yes	Yes
Jan. 19	Stephanus G. E. L. School	Detroit	2	Yes	Steam	Yes	1	Yes	2	None	16	80	Yes	Yes
Jan. 20	Tappan Union School	Detroit	3	Yes	Steam	Yes	9	Yes	17	None	22	350	Yes	Yes
Feb. 2	Thomas N. T. School	Detroit	2	No	Steam	Yes	4	Yes	5	None	17	80	Yes	Yes
Jan. 14	Thomas School	Detroit	2	No	Steam	Yes	6	Yes	14	None	20	375	Yes	Yes
Jan. 21	Tilden School	Detroit	2	Yes	Steam	Yes	9	Yes	17	None	20	320	Yes	Yes
Jan. 13	Firnane School	Detroit	2	No	Steam	Yes	6	Yes	6	Yes	18	115	Yes	Yes
Jan. 15	Trinity School	Detroit	2	No	Steam	Yes	1	Yes	2	Yes	18		Yes	Yes
Jan. 22	Trowbridge School	Detroit	2	Yes	Steam	Yes	2	Yes	12	Yes	24	350	Yes	Yes
Jan. 9	Van Dyke School	Detroit	2	No	Steam	Yes	8	Yes	13	None	23	275	Yes	Yes
Jan. 16	Washington School	Detroit	3	Yes	Hot air	Yes	4	Yes	22	None	19	450	Yes	Yes
Jan. 16	Webster School	Detroit	2	No	Steam	Yes	6	Yes	20	Yes	24	475	Yes	Yes
Jan. 15	Western High School	Detroit	3	Yes	Steam	Yes	16	Yes	65	None	20	460	Yes	Yes
Jan. 16	Williams School	Detroit	2	Yes	Hot air		7	Yes	12	None	22	275	Yes	Yes
Jan. 16	Wm. C. Maybury School	Detroit	2	No	Steam	Yes	6	Yes	16	None	18	280	Yes	Yes
Jan. 22	Wm. McKinley School	Detroit	2	Yes	Steam	Yes	5	Yes	10	None	21	170	Yes	Yes
Jan. 28	Wingert School	Detroit	2	No	Steam	Yes	6	Yes	15	None	20	331	Yes	Yes
Jan. 12	Wilkins School	Detroit	3	Yes	Hot air		6	Yes	12	Yes	22	250	Yes	Yes
Jan. 30	Zion E. L. School	Detroit	2	Yes	Steam	Yes	2	Yes	5	Yes	16	183	Yes	Yes
	Wexford County.													
Nov. 3	Cass School	Cadillac	1	No	Steam	Yes	2	Yes	3	No			Yes	No
Nov. 3	Central High School	Cadillac	3	No	Steam	Yes	6	Yes	25	Yes	16	364	Yes	Yes
Nov. 3	Cooley School	Cadillac	1	No	Steam	Yes	4	Yes	5	Yes			Yes	Yes
Nov. 3	Emmerson School	Cadillac	2	Yes	Steam	Yes	1	Yes	8	Yes	14	120	Yes	Yes
Nov. 3	Franklin School	Cadillac	2	Yes	Steam	Yes	3	Yes	7	Yes	18	130	Yes	Yes
Nov. 3	McKinley School	Cadillac	2	Yes	Steam	Yes	2	Yes	10	Yes	14		Yes	Yes
Nov. 3	St. Ann School	Cadillac	2	No	Steam	Yes	1	Yes	4	Yes	16	72	Yes	No
Nov. 1	Whittier School	Cadillac	2	Yes	Steam	Yes	1	Yes	8	Yes	14	120	Yes	Yes
Oct. 28	Manton High School	Manton	2	No	Steam	Yes	3	Yes	12	No	18	150	Yes	Yes
Oct. 30	Mearick Public School	Mearick	2	Yes	Steam	Yes	2	Yes	5	No	16	75	Yes	Yes
Oct. 30	Sherman High School	Sherman	2	Yes	Steam	Yes	2	Yes	4	No	16	40	Yes	Yes

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Summary of School inspection for 1913.

Name of counties.	Number schools inspected.	Number one story high.	Number two stories high.	Number three stories high.	Number four stories high.	Number having fire escapes.	Number not having fire escapes.	Number heated by steam.	Number heated by hot air.	Number heated by stoves.	Number where plumbing is in good condition.	Number where plumbing is not in good condition.	Number where there is no plumbing.	Number where all doors open outwardly.	Number where all doors do not open outwardly.	Number rooms.	Number having storm doors same width as main doors.	Number not having storm doors same width as main doors.	Number not having storm doors.	Number of children above first floor.	Number having fire drills.	Number not having fire drills.	Number having fire gongs.	Number not having fire gongs.
Alcona	2		2			2		1	1		2			2		9		2		35	1	1		2
Alger	9	4	4	1		1	8	4	2	3	6	3		8	1	31	6	3		321	9		9	
Allegan	13	3	9	1		5	8	8	3	2	13			13		87	1	12		1,144	11	2	11	2
Alpena	12	4	8			7	5	7	5		8		4	12		66	12			880	12		12	
Antrim	7		7			5	2	7			7			7		47	6	1		601	7		7	
Arenac	5	1	4			4	1	1	1	3	4		1	5		20	1		4	257	4	1	4	1
Baraga	9	5	4			3	6	4		5	4		5	9		22	8	1		246	9		8	1
Barry	6		4	2		4	2	6			6			4	2	41	2	4		825	6		5	1
Bay	58	25	29	4		12	46	32	4	22	58			44	14	340	3	29	26	4,306	26	32	28	30
Benzie	5		5			5		5			5			5		40	5			590	5		5	
Berrien	29	6	19	3	1	12	17	19	8	2	23	4	2	25	4	215	20	9		2,682	21	8	20	9
Branch	10		8	2		7	3	6	4		10			9	1	74	5	5		1,610	8	2	9	1
Calhoun	30	5	18	6	1	14	16	19	10	1	28		2	23	7	204	6		24	4,231	22	8	17	13
Cass	8		8			3	5	4	2	2	7		1	8		63	5		3	822	7	1	7	1
Charlevoix	15	4	11			6	9	9	6		15			15		92	9	2	4	1,118	15		13	2
Cheboygan	10	4	5	1		2	8	3	3	4	6		4	10		45	5		5	522	6	4	6	4
Chippewa	5		5			4	1	5			4		1	5		40	3		2	620	4	1	4	1
Clinton	6	1	5			4	2	4	1	1	6			6		41	6			427	6		5	1
Crawford	3	1	2			1	2	1	1	1	3			3		18	1		2	229	3		3	
Delta	1			1			1	1			1			1		9		1		220	1		1	
Eaton	5		5			2	3	2	3		5			3	2	33	1	4		366	5		5	
Emmet	7		6	1		5	2	5	2		7			7		56	6		1	520	7		7	
Genesee	15	3	11	1		6	9	11	3	1	12		3	14	1	140	13		2	2,166	12	3	10	5
Gladwin	2		2			1	1	2			2			2		14			2	210	2		2	
Gogebic	11	1	8	2		9	2	11			11			11		79	11			1,441	9	2	9	2
Gd. Traverse	6		6			6		6			6			6		69	5	1		895	6		5	1
Gratiot	8	3	5			3	5	8			8			8		78	7		1	690	4	4	3	5
Hillsdale	16	7	6	3		2	14		2	14			2	14	2	105	11	4	1	1,441	7	9	6	10
Houghton	51	5	39	7		36	15	40	8	3	49		2	50	1	388	43	2	6	7,038	48	3	49	2
Huron	3		3			1	2	1	1	1	2		1	2	1	16	2		1	335	2	1	2	1
Ingham	27	4	20	3		9	18	24	3		27			23	4	203	7	8	12	3,006	22	5	21	6
Ionia	19	3	14	2		8	11	14	4	1	18		1	15	4	120	4	2	13	1,342	13	6	13	6
Iosco	8	3	5			3	5	1	1	6	8			8		30	1	5	2	448	4	4	5	3
Iron	8	6	1	1		1	7	2	1	5	8			8		47	7	1		530	8		8	
Isabella	1		1			1			1		1			1		4			1	62	1			

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Kalamazoo..	27	.....	17	9	1	14	13	19	8	.....	27	.....	.....	22	5	358	6	2	19	4,837	24	3	24	3
Kalkaska....	1	.....	1	.....	.....	1	.....	.....	1	.....	1	.....	.....	1	.....	1	1	.....	.....	25	1	.....	1	.....
Kent.....	69	5	54	8	2	30	39	53	13	3	55	4	10	66	3	711	18	2	49	15,155	64	5	59	10
Keweenaw...	14	5	9	.....	.....	2	12	7	.....	7	14	.....	.....	13	1	37	14	.....	.....	770	14	.....	14	.....
Lenawee....	17	6	8	3	.....	4	13	3	12	2	13	2	2	17	.....	117	6	10	1	1,249	8	9	8	9
Lapeer.....	2	1	1	.....	.....	1	1	1	1	.....	2	.....	.....	2	.....	6	2	.....	.....	44	2	.....	2	.....
Leelanau....	3	1	2	.....	.....	1	2	2	1	.....	3	.....	.....	2	1	11	2	1	.....	136	3	.....	1	2
Livingston...	8	1	6	1	.....	5	3	6	2	.....	8	.....	.....	8	.....	38	4	4	.....	605	6	2	6	2
Luce.....	2	1	1	.....	.....	1	1	.....	1	1	1	.....	1	2	.....	16	2	.....	.....	370	1	1	1	1
Mackinac....	5	4	1	.....	.....	1	4	2	.....	3	1	.....	4	4	1	17	2	.....	3	90	3	2	1	4
Macomb....	14	1	13	.....	.....	6	8	10	3	1	13	.....	1	14	.....	102	9	.....	5	1,477	7	7	10	4
Manistee....	7	.....	6	1	.....	4	3	6	1	.....	5	2	.....	7	.....	75	6	1	.....	1,180	7	.....	6	1
Marquette...	23	8	12	3	.....	10	13	18	.....	5	22	.....	1	23	.....	159	13	2	8	2,209	19	4	20	3
Mason.....	2	.....	2	.....	.....	.....	2	1	.....	1	1	.....	1	2	.....	13	2	.....	.....	114	2	.....	2	.....
Mecosta.....	12	3	9	.....	.....	7	5	8	1	3	9	.....	3	12	.....	95	3	1	8	970	10	2	8	4
Midland.....	2	.....	2	.....	.....	.....	2	2	.....	.....	2	.....	.....	2	.....	20	2	.....	.....	485	2	.....	2	.....
Missaukee...	3	1	2	.....	.....	1	2	3	.....	.....	2	1	.....	3	.....	20	1	2	.....	270	2	1	2	1
Monroe.....	6	.....	6	.....	.....	4	2	2	4	.....	6	.....	.....	6	.....	39	6	.....	.....	530	5	1	5	1
Montcalm...	21	8	13	.....	.....	7	14	9	3	9	11	1	9	19	2	113	7	.....	14	1,056	16	5	12	9
Montmoren'y	1	.....	1	.....	.....	1	.....	1	.....	.....	1	.....	.....	1	.....	6	.....	1	.....	40	1	.....	1	.....
Muskegon...	12	1	8	3	.....	4	8	11	1	.....	12	.....	.....	12	.....	215	2	9	1	2,064	11	1	11	1
Newaygo....	4	.....	4	.....	.....	3	1	4	.....	.....	4	.....	.....	4	.....	40	1	3	.....	524	4	.....	4	.....
Oakland....	13	4	9	.....	.....	3	10	9	3	1	9	.....	4	2	11	106	1	.....	12	1,449	13	.....	13	.....
Oceana.....	2	.....	1	1	.....	1	1	2	.....	.....	2	.....	.....	1	1	35	1	1	.....	380	2	.....	2	.....
Ogemaw.....	3	2	1	.....	.....	.....	3	2	1	.....	3	.....	.....	3	.....	24	1	1	1	130	1	2	2	1
Ontonagon...	11	9	1	1	.....	2	9	2	1	8	10	1	.....	11	.....	36	11	.....	.....	341	11	.....	11	.....
Osceola.....	5	.....	5	.....	.....	3	2	5	.....	.....	5	.....	5	5	.....	33	2	2	1	364	5	.....	5	.....
Otsego.....	3	.....	3	.....	.....	.....	3	2	1	.....	2	.....	1	3	.....	19	.....	1	2	206	2	1	2	1
Ottawa.....	12	1	8	3	.....	9	3	9	3	.....	12	.....	.....	12	.....	117	5	5	2	2,315	11	1	11	1
Presque Isle..	4	.....	3	.....	1	3	1	2	1	1	2	.....	2	4	.....	25	3	1	.....	235	3	1	3	1
Roscommon..	6	4	2	.....	.....	1	5	.....	.....	6	6	.....	.....	4	2	10	.....	2	4	32	1	5	4	2
Saginaw.....	1	.....	1	.....	.....	.....	1	1	.....	.....	1	.....	.....	1	.....	9	1	.....	.....	185	1	.....	1	.....
St. Clair.....	23	1	20	2	.....	19	4	20	2	1	21	.....	2	23	.....	124	9	.....	14	2,321	20	3	19	4
St. Joseph...	13	1	7	5	.....	8	5	6	6	1	13	.....	.....	12	1	98	2	.....	11	1,729	11	2	12	1
Sanilac.....	6	3	3	.....	.....	1	5	1	2	3	1	.....	5	6	.....	20	3	.....	3	271	2	4	1	5
Schoolcraft..	4	1	3	.....	.....	3	1	.....	4	.....	.....	.....	4	3	1	31	4	.....	.....	379	3	1	3	1
Shiawassee...	14	.....	13	1	.....	11	3	3	10	1	13	.....	1	14	.....	119	9	5	.....	1,497	14	.....	14	.....
Tuscola.....	1	.....	1	.....	.....	1	.....	1	.....	.....	1	.....	.....	1	.....	9	1	.....	.....	215	1	.....	1	.....
Van Buren...	9	1	7	1	.....	5	4	4	5	.....	9	.....	.....	9	.....	72	4	4	1	692	7	2	7	2
Washtenaw..	18	1	14	3	.....	6	12	13	5	.....	18	.....	.....	18	.....	235	18	.....	.....	3,880	15	3	15	3
Wayne.....	172	6	134	29	3	66	106	131	26	15	136	.....	36	147	25	2,378	47	1	124	41,163	168	4	164	8
Wexford.....	11	2	8	1	.....	6	5	11	.....	.....	11	.....	.....	11	.....	92	7	4	.....	1,071	11	.....	9	2
Totals ..	1,016	180	711	116	9	449	567	679	200	137	882	18	116	918	98	8,692	460	161	395	135,731	847	169	819	197

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SUMMARY OF SCHOOL INSPECTIONS.

Whole number of schools inspected	1,016
Number one story high	180
Number two stories high	711
Number three stories high	116
Number four stories high	9
Number having fire escapes	449
Number not having fire escapes	567
Number heated by steam	679
Number heated by hot air	200
Number heated by stoves	137
Number where plumbing is in good condition	882
Number where plumbing is not in good condition	18
Number where there is no plumbing	116
Number where all doors swing outwardly	918
Number where all doors do not swing outwardly	98
Number of rooms	8,692
Number having storm doors same width as main doors	460
Number not having storm doors same width as main doors	161
Number having no storm doors	395
Number of children above first floor	135,731
Number having fire drills	847
Number not having fire drills	169
Number having fire gongs	819
Number not having fire gongs	197

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FORM OF BLANK USED BY DEPUTY FACTORY INSPECTOR WHEN INSPECTING A FACTORY, WORKSHOP ETC.

DEPARTMENT OF LABOR. District No.....

FACTORY INSPECTION BLANK.

1. Date of inspection.....Town.....County.....
2. Name of firm or factory.....
.....
3. Nature of business.....When established.....
4. Are you operating under Workmen's Compensation Law.....
5. Kind of insurance carried: State.....Liability.....Personal.....
6. Number male superintendents employed.....Average daily wages.....
7. Number female superintendents employed.....Average daily wages.....
8. Number foremen employed.....Average daily wages.....
9. Number foreladies employed.....Average daily wages.....
10. Number male stenographers employed in office.....Average daily wages.....
11. Number female stenographers employed in office.....Average daily wages.....
12. Number other males employed in office.....Average daily wages.....
13. Number other females employed in office.....Average daily wages.....
14. Number males over 18 employed on skilled labor.....Average daily wages.....
15. Number males over 18 employed on unskilled labor.....Average daily wages.....
16. Number females over 21 employed on skilled labor.....Average daily wages.....
17. Number females over 21 employed on unskilled labor.....Average daily wages.....
18. Number males employed between 16-18 years.....Average daily wages.....
19. Number females employed between 16-21 years.....Average daily wages.....
20. Number males employed between 14-16 years.....Average daily wages.....
21. Number females employed between 14-16 years.....Average daily wages.....
22. Whole number employed: Males.....Females.....Total.....
23. Hrs. males over 18 work per day.....Hrs. per week.....Max. hrs. per day.....
24. Hrs. males under 18 work per day.....Hrs. per week.....Max. hrs. per day.....
25. Hours females work per day.....Per week.....Days per week.....
26. Average number days per month.....Average number months per year.....
27. Minimum wage paid to males over 18.....
28. Minimum wage paid to females over 18.....
29. Minimum number employed during year.....Maximum number employed.....
30. What months do you operate at a minimum capacity.....
.....
31. Kinds of power used.....
32. Number of steam boilers.....Do you carry boiler insurance .....
33. When was your boiler last inspected by competent boiler inspector.....

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34. Give number of each kind of alarm used.....

.....

35. Are permits on file for all employes under 16 years.....?.....

36. Are all outer doors kept unlocked during working hours.....

STATE OF MICHIGAN,
County of..... } *ss.*

.....:.....:.....being duly sworn says that the answers
Name of proprietor or superintendent.

to the questions herein contained are in every respect true.

.....
Signature of proprietor or superintendent.

Sworn to and subscribed before me this

.....day of.....191..

.....
Signature of Deputy Factory Inspector.

QUESTIONS TO BE ANSWERED BY INSPECTOR.

1. Are workrooms in a sanitary condition.....well lighted.....ventilated.....
heated.....Are workrooms or shops crowded.....
2. Is all machinery guarded.....guards in place.....dangerous places properly
guarded.....
3. General conditions: Excellent.....Ordinary.....Poor.....
4. Are all exits kept free from obstructions.....
5. If building needs fire escape is it so equipped.....
6. Are elevator cabs.....cables.....gearing.....shaft.....properly protected.
7. Remarks.....

.....

.....
Signature of Deputy Factory Inspector.

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Name of county, district where located, name of person inspecting each county.

District.	County.	Inspector.	Place of residence.
9	Alcona	C. L. Sheldon	Bay City.
12	Alger	M. C. Scully	Marquette.
5	Allegan	H. W. McCabe	Paw Paw.
8	Alpena	J. A. McTavish	Petoskey.
8	Antrim	J. A. McTavish	Petoskey.
9	Arenac	C. L. Sheldon	Bay City.
12	Baraga	M. C. Scully	Marquette.
4	Barry	Fred C. Hayes	Battle Creek.
9	Bay	C. L. Sheldon	Bay City.
7	Benzie	Chas. D. Moriarty	Ludington.
5	Berrien	H. W. McCabe	Paw Paw.
4	Branch	Fred C. Hayes	Battle Creek.
4	Calhoun	Fred C. Hayes	Battle Creek.
5	Cass	H. W. McCabe	Paw Paw.
8	Charlevoix	J. A. McTavish	Petoskey.
8	Cheboygan	J. A. McTavish	Petoskey.
8	Chippewa	J. A. McTavish	Petoskey.
10	Clare	James Lynch	Owosso.
4	Clinton	James Lynch	Owosso.
9	Crawford	C. L. Sheldon	Bay City.
12	Delta	F. L. Dodge, Jr	Lansing.
12	Dickinson	F. L. Dodge, Jr	Lansing.
4	Eaton	Fred C. Hayes	Battle Creek.
8	Emmet	J. E. Darrah	Clarion.
11	Genesee	George E. McKinley	Flint.
9	Gladwin	C. L. Sheldon	Bay City.
12	Gogebic	F. L. Dodge, Jr	Lansing.
7	Grand Traverse	Chas. D. Moriarty	Ludington.
10	Gratiot	James Lynch	Owosso.
3	Hillsdale	H. W. McCabe	Paw Paw.
12	Houghton	M. C. Scully	Marquette.
11	Huron	G. E. McKinley	Flint.
3	Ingham	C. L. Sheldon	Bay City.
4	Ionia	John W. Thorn	Owosso.
9	Iosco	C. L. Sheldon	Bay City.
12	Iron	F. L. Dodge, Jr	Lansing.
10	Isabella	James Lynch	Owosso.
3	Jackson	F. L. Dodge, Jr	Lansing.
4	Kalamazoo	Fred C. Hayes	Battle Creek.
7	Kalkaska	Chas. D. Moriarty	Ludington.
6	Kent	Fred A. Zierleyn	Grand Rapids.
12	Keweenaw	M. C. Scully	Marquette.
7	Lake	Chas. D. Moriarty	Ludington.
11	Lapeer	G. E. McKinley	Flint.
7	Leelanau	Chas. D. Moriarty	Ludington.
3	Lenawee	H. W. McCabe	Paw Paw.
3	Livingston	H. W. McCabe	Paw Paw
8	Luce	J. A. McTavish	Petoskey.
8	Mackinac	J. A. McTavish	Petoskey.
11	Macomb	G. E. McKinley	Flint.
7	Manistee	Chas. D. Moriarty	Ludington.
12	Marquette	M. C. Scully	Marquette.
7	Mason	J. W. Wilkins	Ludington.
6	Mecosta	Fred A. Zierleyn	Grand Rapids.
12	Menominee	F. L. Dodge, Jr	Lansing.
10	Midland	W. E. Washburn	Owosso.
7	Missaukee	Chas. D. Moriarty	Ludington.
3	Monroe	G. E. McKinley	Flint.
6	Montcalm	Fred A. Zierleyn	Grand Rapids.
8	Montmorency	J. A. McTavish	Petoskey.
7	Muskegon	Chas. D. Moriarty	Ludington.
7	Newaygo	Chas. D. Moriarty	Ludington.
3	Oakland	F. L. Dodge, Jr	Lansing.
7	Oceana	Chas. D. Moriarty	Ludington.
9	Ogemaw	C. L. Sheldon	Bay City.

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Name of county, district where located, name of person inspecting each county.—Continued.

District.	County.	Inspector.	Place of residence.
12	Ontonagon	M. C. Scully	Marquette.
6	Osceola	Fred A. Zierleyn	Grand Rapids.
8	Otsego	J. A. McTavish	Petoskey.
5	Ottawa	H. W. McCabe	Paw Paw.
8	Presque Isle	J. A. McTavish	Petoskey.
9	Roscommon	C. L. Sheldon	Bay City.
10	Saginaw	James Lynch	Owosso.
11	St. Clair	G. E. McKinley	Flint.
4	St. Joseph	Fred C. Hayes	Battle Creek.
		W. H. Weber	Benton Harbor.
11	Sanilac	G. E. McKinley	Flint.
8	Schoolcraft	J. A. McTavish	Petoskey.
10	Shiawassee	W. E. Washburn	Owosso.
11	Tuscola	G. E. McKinley	Flint.
5	Van Buren	H. W. McCabe	Paw Paw.
3	Washtenaw	O. J. Golden	Monroe.
		L. M. Burton	Coldwater.
1-2	Wayne	J. R. Anderson	Detroit.
		Gustav Dihle	Detroit.
		George Kehoe	Detroit.
		Joseph Ivers	Detroit.
		J. J. McDonald	Detroit.
		Geo. N. Roberge	Detroit.
		Perry J. Ward	Detroit.
7	Wexford	Chas. D. Moriarty	Ludington.

Resolutions.

Adopted by National Conference on Unemployment, New York City, on February 28, 1914, under the auspices of the American Association for Labor Legislation and the American Section of the International Association on Unemployment.

Whereas, The reports presented to this National Conference by delegates representing 25 states and 59 cities, show a complete lack in most sections of the country of accurate statistical information in reference to the extent and nature of unemployment; and

Whereas, Notwithstanding some difference of opinion as to whether unemployment this winter has been more widespread than usual in all sections, there is general agreement that there is a large amount of unemployment and that this and irregularity of employment at all times are among the most serious problems of modern industry; and

Whereas, There is also general agreement that the first step toward a solution of the problem is the organization of a connected network of free public employment exchanges and that other steps should be taken as soon as agreement can be reached as to what they should be; therefore, be it,

1. Resolved, That this Conference urge the establishment in the federal Department of Labor of a Bureau of Distribution, with power to establish employment exchanges throughout the country to supplement the work now being done by State and Municipal Bureaus, to act as a clearing house of information and further the distribution of labor throughout the country; when such distribution will not make for the deterioration of the present standards of wages, conditions and hours of employment of American workers, or the impairment of their efforts to improve them.

2. That we also urge upon the legislatures of the various States the establishment or reconstruction of free state employment agencies conforming to the following essential principles:

First: That appointments and tenure of office be governed by the merit system and placed beyond control of political parties;

Second: Appropriations should be sufficient to make the agencies effective in the highest possible degree;

Third: That the agencies shall constitute a network of central bureaus and branch offices under central control and direction;

Fourth: That these agencies be so administered as to cooperate with municipal and federal bureaus so as to constitute a truly national system;

Fifth: That every bureau or office be required to register every application as well as every position secured;

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Sixth: That frequent reports, publications and other notices give prompt information as to those seeking employment;

Seventh: That these agencies may be held true to their character as belonging to the public and remain neutral in all trade disputes.

3. We recommend that municipalities direct their attention to the local problem of unemployment, closely defining its relief and industrial phases with a view to dealing with the latter in a businesslike, efficient way through a central labor bureau which shall distribute employees to its various departments.

4. We recommend that private employment agencies for profit be brought under the inspection and control of the Federal Government, where they send labor from state to state, or to persons or corporations engaged in interstate commerce in case of interstate business, and of the state authority where they are engaged in distributing labor within the state.

5. We recommend that the American Association for Labor Legislation, in affiliation with the American Section of the International Association on Unemployment, prosecute a thorough investigation of the following aspects of the problem of unemployment, and at the same time initiate and promote public action:

(1) The labor market, exchanges, statistics, facilities for special classes, advertising, emergency measures, relief agencies;

(2) Regularization of industry—seasonal industries, dovetailing of industries, adjustment of large contracts to run longer periods, casual labor, civil service methods;

(3) Vocational guidance;

(4) Legislation on employment agencies, unemployment insurance, etc.

SPECIAL STATISTICS OF THE DEPARTMENT FOR 1913.

SUGAR BEET INDUSTRY.

Name of factory.	Location.	Name of manager.	Place of residence.	Year business was established.	Daily capacity in tons.
Continental Sugar Co	Blissfield	S. H. McClary	Blissfield	1905	800
German American Sugar Co	Bay City	E. Wilson Cressey	Bay City	1901	1,400
Holland, St. Louis Sugar Co	Holland	B. C. Hubbard	St. Louis	1903	600
Holland, St. Louis Sugar Co	St. Louis	B. C. Hubbard	St. Louis	1902	600
Holland Sugar Co	Holland	S. R. McLean	Holland	1898	450
Mt. Clemens Sugar Co	Mt. Clemens	George Elsey, Jr	Detroit	1904	600
Menominee River Sugar Co	Menominee	Geo. W. McCormick	Menominee	1902	1,200
Michigan Sugar Co	Alma	Jothan Allen	Alma	1899	900
Michigan Sugar Co	Bay City	Eugene Fifield	Bay City	1899	1,200
Michigan Sugar Co	Caro	L. E. Flink	Caro	1899	1,000
Michigan Sugar Co	Croswell	C. E. Copp	Croswell	1901	700
Michigan Sugar Co	Saginaw	F. D. Ewen	Saginaw	1902	800
Michigan Sugar Co	Sebewaing	H. A. Fliegel	Sebewaing	1902	750
Owosso Sugar Co	Lansing	Geo. L. Walt	Lansing	1901	600
Owosso Sugar Co	Owosso	Carman N. Smith	Bay City	1903	1,200
West Bay City Sugar Co	Bay City	Mendel J. Bialy	Bay City	1899	600
Western Sugar Refining Co	Marine City	John Mitchell	Cleveland, Ohio	1900	550

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SUMMARY OF STATISTICS GATHERED RELATING TO THE SUGAR BEET INDUSTRY.

Number factories in operation in 1913	17
Aggregate daily capacity of plants in tons	14,050
Average daily capacity for each plant	826
Aggregate pounds of sugar made	272,816,269
Average pounds of sugar for each factory	16,048,015
Highest net price paid per ton to growers	$6 50
Lowest net price paid per ton to growers	5 00
Average net price paid per ton to growers	5 78
Highest per cent test in sugar	17.4
Lowest per cent test in sugar	14.2
Average per cent test in sugar	15.6
Aggregate number of growers supplying factories	29,625
Average number of growers for each factory	1,742
Approximate number of acres planted to sugar beets	130,235
Average number for each factory	7,660
Average number of days plants are in operation	86
Aggregate number of tons of coal used	242,300
Average number of tons for each factory	14,252
Estimated cost of repairs for all factories	$358,285 58
Average cost of repairs for each factory	21,075 62
Aggregate amount of capital invested	$19,954,600 00
Average amount for each plant	1,173,800 00

ELECTRIC RAILWAYS IN MICHIGAN.

Benton Harbor-St. Joe Railway & Light Co.
Escanaba Traction Co.
Detroit, Jackson & Chicago Railway.
Detroit, Monroe & Toledo Short Line Railway.
Detroit United Railway.
Grand Rapids, Grand Haven & Muskegon Railway Co.
Grand Rapids, Holland & Chicago Railway Co.
Houghton County Traction Co.
Manistee Railway Co.
Michigan United Traction Co.
Muskegon Traction & Lighting Co.
Rapid Railway Co.
Saginaw-Bay City Railway Co.
Saginaw & Flint Railway.
Southern Michigan Railway Co.
Toledo, Ottawa Beach & Northern Railway Co.
Toledo & Western Railroad Co.

Number of electric roads operating in Michigan	17
Whole number of motormen employed	2,078
Average number of hours work per day	8.4
Average daily wages	$2 49
Whole number of conductors employed	2,014
Average number of hours work per day	8.3
Average daily wages	$2 43

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NAMES OF STEAM ROADS SENDING IN REPORTS.

Arcadia & Betsey River Railway Co.
Blaney & Southern.
Boyne City, Gaylord & Alpena Railroad Co.
Chicago, Detroit & Canada Grand Trunk Junction Railway.
Chicago, Kalamazoo & Saginaw Railway Co.
Chicago, Milwaukee & St. Paul Railway Co.
Chicago & Northwestern Railway Co.
Cincinnati, Saginaw & Mackinaw Railway.
Cleveland, Cincinnati, Chicago & St. Louis Railway Co.
Copper Range Railroad Co.
Delray Connecting Railroad Co.
Detroit, Bay City & Western Railroad Co.
Detroit & Charlevoix Railroad Co.
Detroit, Grand Haven & Milwaukee Railway.
Detroit & Huron Railway.
Detroit & Mackinac Railway.
Detroit Terminal Railroad.
Detroit, Toledo & Ironton Railway Co.
Detroit & Toledo Shore Line Railroad.
Duluth, South Shore & Atlantic Railway Co.
East Jordan & Southern Railway.
Empire & Southeastern Railway.
Erie & Michigan Railway & Navigation Co.
Escanaba & Lake Superior Railroad Co.
Grand Rapids & Indiana Railway—Northern division.
Grand Rapids & Indiana Railway—Southern division.
Grand River Valley Railroad Co.
Grand Trunk Western Railway.
Houghton, Chassell & S. W. Railway.
The Lake Shore and Michigan Southern Railway Co.
Lake Superior & Ishpeming Railway Co.
Lansing Southern Railroad Co.
Ludington & Northern Railway.
Manistee & Grand Rapids Railroad.
Manistee and Luther Railroad Co.
Manistee & Northeastern Railroad Co.
Michigan Air Line.
Michigan Central Railroad Co.
Minneapolis, St. Paul & Sault Ste. Marie Railway Co.
Munising, Marquette & Southeastern Railway Co.
Ontonagon Railroad Co.
Pere Marquette Railroad Co.
Pontiac, Oxford & Northern Railway.
Port Huron Southern Railroad Co.
Toledo, Saginaw & Muskegon Railway.
Wabash Railroad.
Wisconsin & Michigan Railway Co.
Wyandotte Southern Railway Co.
Wyandotte Terminal Railroad Co.

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STEAM RAILROADS OF MICHIGAN.

Number roads sending in reports	49
Number engineers on passenger trains	429
Average number of hours work per day	6.4
Average daily wages	$5 75
Number engineers on freight trains	1,393
Average number of hours work per day	10.7
Average daily wages	$3 48
Number firemen on passenger trains	406
Average number of hours work per day	6.4
Average daily wages	$3 50
Number firemen on freight trains	1,464
Average number of hours worked per day	10.7
Average daily wages	$3 18
Number conductors on passenger trains	329
Average number of hours worked per day	11.2
Average daily wages	$4 62
Number conductors on freight trains	814
Average number of hours worked per day	9.2
Average daily wages	$4 35
Number brakemen on passenger trains	445
Average number of hours worked per day	7.4
Average daily wages	$2 62
Number brakemen on freight trains	1,832
Average number of hours worked per day	9.0
Average daily wages	$3 13
Number switchmen in yard and on trains	1,599
Average number of hours worked per day	9.4
Average daily wages	$3 77
Number telegraph operators	1,644
Average number of hours worked per day	9.7
Average daily wages	$3 34

EXPRESS COMPANIES.

Adams Express Co.
American Express Co.
Canadian Express Co.
National Express Co.
United States Express Co.
Wells, Fargo & Co. Express.

Number messengers employed	138
Average number of hours worked per day	9.2
Average daily wages	$2 73
Number drivers employed	343
Average number of hours worked per day	10
Average daily wages	$2 08

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LABOR LAWS.

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LABOR LAWS.

Compilation of 1913.

CHAPTER I.—ORGANIZATION, POWERS AND DUTIES OF THE DEPARTMENT OF LABOR.

An Act to provide for the creation of a department of labor; to prescribe its powers and duties; to regulate the employment of labor; to make an appropriation for the maintenance of such department, and to prescribe penalties for the violation of this act.

[Act 285, P. A. 1909.]

The People of the State of Michigan enact:

(1) SECTION 1. The governor is hereby authorized and empowered to appoint within thirty days after the passage of this act, and every second year thereafter, by and with the advice and consent of the senate, and also within thirty days after the occurrence of any vacancy in the office, a suitable person, who shall be a citizen of this state, as commissioner of labor, who shall hold his office until his successor be appointed and qualified. The title of such officer shall be "commissioner of labor," and the term of office of such commissioner shall be for a period of two years after such appointment. Such commissioner shall keep an office in the city of Lansing, and shall appoint a deputy, whose term of office shall continue during the pleasure of such commissioner. The commissioner may appoint such deputy factory inspectors and assistants from time to time as shall be necessary for the transaction of the business of his office.

Commissioner of labor, when appointed.

Official title, term of office.

Deputy.

Deputy factory inspectors, etc.

BUREAU OF LABOR: Organized by Act 156 of 1883 (C. L. 1897, § § 4597-4604). Report of Bureau of Factory Inspection to be included in annual report of Commissioner of Labor.—Act 44 of 1899, § 12; Act 9 of 1903. Scope of functions extended.—Act 313 of 1907.

DEPARTMENT OF LABOR: Created by Act 285 of 1909, and amendatory acts of 1911 and 1913 incorporated with the original act in this compilation. Various additional powers, functions and duties, from time to time conferred and imposed upon the department, are also included in this compilation.

(2) SEC. 2. The duties of such department shall be to collect in the manner herein provided, assort, systematize, print and present to the governor, on or before the first day of April, nineteen hundred ten, and annually thereafter, statistical details relating to all departments of labor in this state, including the penal institutions thereof, particularly

Duties of department.

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concerning the hours of labor, the number of employes and sex thereof, the daily wages earned, and savings, the number and character of accidents, the condition of all manufacturing establishments, hotels, stores and workshops where labor is employed, with such other matter relating to the industrial, social, educational, moral and sanitary conditions of the laboring classes and the productive industries of the state, including the names of firms, companies or corporations, where located, the kind of goods produced or manufactured, the time operated each year, the number of employes, male or female, the number engaged in clerical work and the number engaged in manual labor, with a classification of the number of each sex engaged in each occupation and the average daily wages paid each. The commissioner of labor is authorized to appoint special agents to represent the department, with authority to visit firms and establishments, and to collect such statistics and perform such other duties as may be required, with like power as is conferred on said commissioner. The commissioner of labor and all appointees connected with the department, when so directed by said commissioner, shall have full authority to visit and inspect all manufacturing establishments, workshops, hotels, stores and all places where labor is employed, at any reasonable hour, and shall have authority to gather such statistics as may be deemed necessary by the commissioner: Provided, That the commissioner of labor or any one connected with his office, shall not publish, make public, nor give to any individual or to the public the individual statistics obtained from any manufacturing establishment, but all such statistics may be published in connection with other similar statistics and given to the public in aggregates and averages: Provided further, That nothing in this section shall be construed to prohibit other state departments from taking transcripts of such individual statistics for statistical and classification purposes only.

Special agents.

Inspections.

Proviso, aggregates and averages.

Further proviso, state departments.

Am. 1913, Act 39.

(3) SEC. 3. Such department or any member thereof shall have full power to examine witnesses on oath, compel the attendance of witnesses, the giving of testimony and the production of papers while acting in any part of this state, and witnesses may be summoned by such department or any member thereof, by its process in the same manner, and paid the same fees as are allowed to witnesses attending in the circuit court of any county. Any person duly subpoenaed under the provisions of this section, who shall wilfully neglect to attend or testify at the place named in the subpoena served for such purpose, shall be guilty of a misdemeanor, and on conviction before any court of competent jurisdiction may be punished by a fine not exceeding fifty dollars or imprisonment in the county jail not exceeding thirty days, or both

Examination of witnesses.

Failure to obey subpoena.

Penalty.

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such fine and imprisonment in the discretion of the court: Provided, That no witness shall be compelled to go outside of the county in which he or she resides to testify.

Proviso, county limit.

(4) SEC. 4. The compensation of such commissioner shall be two thousand five hundred dollars per annum, and that of his deputy eighteen hundred dollars per annum, together with all necessary expenses, and the compensation of factory inspectors shall not exceed one thousand dollars per annum, and the assistants or special canvassers or clerks in any office of the department shall receive such compensation as shall be fixed by such commissioner. All such compensation and also the expense provided for in section one of this act, shall be audited and paid in the same manner as the salaries and expenses of other state officers: Provided, That the amount thereof, exclusive of the compensation allowed to said commissioner and his deputy, shall not in any one year exceed the sum of forty thousand dollars, which sum shall defray the salaries and expenses of the entire department, including factory inspection, coal mine inspection, the gathering of all statistics, the expense of the several free employment bureaus of this state, the inspection of public buildings, school buildings, opera houses and theaters, and every department of investigation coming within the jurisdiction of such department: Provided further, That in addition to the above allowance for expenses said commissioner shall be authorized to have printed not to exceed five thousand copies of his annual report for the use of the department and for general distribution, and all printing, binding, blanks or map work, and all supplies shall be done or furnished under any contract which the state now has or shall have for similar work with any party or parties, and the expense thereof shall be audited and paid in the same manner as other state printing.

Compensation of commissioner, etc.

How paid.

Proviso, amount limited.

Further proviso, printing, etc.

(5) SEC. 5. Said department may collect the information called for in section two of this act, or such information as shall by the commissioner be considered essential to perfect the work of the department, from the several state, county, city, village and township officers, and from the officers of prisons, penal and reformatory institutions, or by means of special canvassers under the direction of the commissioner, and it shall be the duty of all such officers to furnish upon the written or printed request of the commissioner such information as shall be considered necessary for the department upon blanks furnished by said department.

Information collected.

Special canvassers.

(6) SEC. 6. It shall be the duty of the several supervisors of the townships, and the supervisor and assessor of the wards of cities in this state, at the time of assessing the property thereof, to obtain the facts and information determined upon by said department, as provided in section five of this act, in accordance with the terms, conditions and requirements of said blanks, and to return said blanks properly filled and duly certified to by such officer without delay to the commissioner of labor at Lansing.

Duty of supervisors, assessors.

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Access to factory, etc.

(7) SEC. 7. The commissioner, his deputy and deputy factory inspectors are authorized to enter any factory, workshop, hotel, store or other place where labor is employed when open or in operation, for the purpose of gathering facts and statistics relating to hours of labor, wages, industrial, economic and sanitary conditions or matters; and if any employer or his or her agent or agents shall refuse to allow the officers of said department to so enter; or shall refuse to give such information when requested by said commissioner or deputy factory inspector, then such employer or his or her agent or agents shall be deemed guilty of a misdemeanor, and upon conviction thereof before any court of competent jurisdiction shall be punished by a fine not to exceed one hundred dollars or by imprisonment for not more than ninety days or both such fine and imprisonment in the discretion of the court.

Misdemeanor, penalty.

Am. 1913, Act 161.

False testimony a felony.

(8) SEC. 8. Any person who shall wilfully and intentionally testify falsely before said commissioner or any authorized deputy shall be deemed guilty of a felony, and on conviction thereof shall be punished by imprisonment in the state prison for a period not exceeding five years, and any person who shall refuse to testify before said commissioner or before any deputy thereof shall on conviction thereof be deemed guilty of a misdemeanor, and shall be punished by a fine not exceeding one hundred dollars or imprisonment not exceeding sixty days or both in the discretion of the court: Provided, That no person or corporation shall be required to answer any question that shall be an improper subject of inquiry or foreign to the object of this act.

Refusal, a misdemeanor.

Proviso, improper subjects of inquiry.

Employment of labor, hours, etc.

(9) SEC. 9. No male under the age of eighteen years, and no female shall be employed in any factory, mill, warehouse, workshop, clothing, dressmaking or millinery establishment, or any place where the manufacture of any kinds of goods is carried on, or where any goods are prepared for manufacturing, or in any laundry, store, shop, or any other mercantile establishment for a period longer than an average of nine hours a day or fifty-four hours in any week, nor more than ten hours in any one day; and all such establishments shall keep posted a copy of this section printed in large type, in a conspicuous place; in establishments having a time clock such copy shall be posted near the time clock. Copies of this section suitable for posting shall be furnished upon the application of any employer by the commissioner of labor: Provided, however, That the provisions of this section in relation to the hours of employment shall not apply to nor affect any person engaged in preserving perishable goods in fruit and vegetable canning establishments. No female under the age of eighteen years shall be employed in any manufacturing establishment between the hours of six o'clock p. m. and six o'clock a. m. No child under the age of sixteen years shall be employed in any manufacturing establishment

Proviso.

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or workshop, mine or messenger service in this state between the hours of six o'cock p. m. and six o'clock a. m. No child under the age of eighteen years shall be employed between the hours of ten o'clock p. m. and five o'clock a. m. in the transmission, distribution or delivery of messages or merchandise.

Am. 1911, Act 220.

This and the next two sections are deemed to supersede C. L. 1897, § § 5365-5372.

The provision limiting the employment of females to 54 hours per week is a valid exercise of the police power, not violating the fourteenth amendment of the federal constitution by restricting the right to contract; neither is it class legislation in that it excepts women employed in factories where perishable products are preserved.—Withey v. Bloem, 163 / 419.

Children, employment of.

(10) SEC. 10. No child under the age of twenty-one years shall be employed, permitted or suffered to work in any theater, concert hall, or place of amusement where intoxicating liquors are sold. No child under fourteen years of age shall be employed, permitted or suffered to work in or in connection with any mercantile institution, store, office, hotel, laundry, manufacturing establishment, mine, bowling alley, theater, passenger or freight elevator, factory or workshop, telegraph or messenger service within this state. It shall be the duty of every mercantile institution, store, office, hotel, laundry, manufacturing establishment, mine, bowling alley, theater, workshop, telegraph or messenger service or any person coming within the provisions of this act to keep a register in which will be recorded the name, birthplace, age and place of residence of every person employed under the age of sixteen years, and it shall be unlawful for any such establishment or person to hire or employ, or permit to be hired or employed or suffered to work, any child under the age of sixteen years without there is first provided and placed on file in the business office thereof a permit issued by the superintendent of schools of the school district in which such child resides, or someone duly authorized by him in writing, or, where there is no superintendent of schools, by the county commissioner of schools, or someone duly authorized by him in writing, any of whom shall have power to administer oaths in relation thereto or by the judge of probate of the county wherein such child resides. Such permit shall be returned to the child upon leaving such employ; every limited vacation permit, hereinafter to be described, shall, upon its expiration, be void and of no effect. The said register and permit shall be produced for inspection on demand of any factory inspector appointed under this act; no fee shall be charged for such permit by any officer by whom it shall be issued. Every employer complying with the provisions of this section shall be at liberty to employ the person so presenting the permit hereinbefore referred to, and is justified in considering and treating such person as of the age shown in such permit and shall not be liable, if it transpire that such person is under the age represented in such permit, to any greater extent than such employer would be liable if such person were of the age rep-

Duty of employer.

Permit issued by sup't of schools.

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When not to issue permit.

resented. The person authorized and required to issue such permit shall not issue the same until he has received, examined, approved and filed the following papers, duly executed:

School report.

(a) The school report of said child properly filled out and signed as hereinafter provided: Provided, however, That when such permit is issued during the summer vacation no such record shall be required, but all such permits, called in this act limited vacation permits, shall expire upon the first Monday in September, commonly called Labor day, shall contain a conspicuous statement of the time at which they shall expire and shall be of a special color distinct from regular permits;

Proviso.

Record of birth.

(b) A passport, or duly attested transcript of the record of birth, as kept by any duly authorized public authority, or a record of baptism or other religious record, showing the date and place of birth of such child;

Statement of physician.

(c) A statement from a physician connected officially with the board or department of health, which shall be required, however, only in case the above mentioned official or religious record cannot be produced, which statement shall certify that, in the opinion of the physician issuing said statement, the child is fourteen years of age or upwards, is in sound health and physically able to perform the work which it intends to do. Such statement shall also certify to the correct weight and height of said child, and shall be kept on file by the person issuing working permits; such person may, in his discretion, require also an affidavit from the parents or other evidence, as additional proof of age;

Examination.

(d) A statement by the issuing officer that he has examined said child, that in his opinion the child can read intelligently and write legibly simple sentences in the English language, that in his opinion the child is fourteen years of age or upwards, and has reached the normal development of a child of its age and is in sound health and physically able to perform the work which it intends to do, and that in his opinion the services of the child are essential to the support of itself or its parents. In doubtful cases, such physical fitness shall be determined by a medical officer of the board or department of health. Every such permit shall be signed in the presence of the officer issuing the same by the child in whose name it is issued; and shall state the date and place of birth of the child, and describe the color of the hair and eyes, the height and weight and any distinguishing facial marks of such child, and that the paper required by the preceding sections have been duly examined, approved and filed, and that the child named in such permit has appeared before the officer signing the same and been examined. The school record required by this article shall be signed by the principal or chief executive officer of the school which such child has attended and shall be furnished on demand to a child entitled thereto. It shall contain a statement certifying that the child

School record, what to contain, etc.

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has regularly attended the public schools or schools equivalent thereto or parochial schools for not less than one hundred days during the school year previous to his arriving at the age of fourteen years or during the year previous to applying for such school record, and is able to read intelligently and write legibly simple sentences in the English language, and in the case of the public schools, has passed satisfactorily the work of the school up to and including the work of the fourth grade; in case of schools other than public schools the record shall contain, instead of a statement of the grade passed, a statement that the child has received during the above mentioned period of a hundred days instructions in reading, writing, spelling, English grammar and geography, and is familiar with the fundamental operations of arithmetic up to and including elementary operations in fractions. Such school board shall also give the age and residence of the child as shown on the records of the school and the name of its parents or guardian or custodian: Provided, That in the case of limited vacation permits the school record and all other requirements relating to educational qualifications shall be waived, but all other requirements shall be complied with as prescribed in this section. Every month after the issuance of a permit the child shall report to the person who issued same, either in person or in writing through its parent or guardian, stating that the child is employed, giving the name of employer and the location of the place of employment, and if not employed said child shall be compelled to attend school;

Proviso.

Child to report.

(e) Any person who shall make a false statement, transcript, passport, school certificate, certificate of physical fitness, school record or any other writing required to be made or filed by the provisions of this section shall be deemed guilty of a misdemeanor and shall be punished by a fine of not less than ten nor more than one hundred dollars or imprisonment for not less than ten days nor more than ninety days, or by both such fine and imprisonment in the discretion of the court.

False statements, etc.

Am. Id.

Act 113 of 1901, prohibiting the employment of anyone under 16 years of age at work dangerous to life or limb, was not intended to prevent the hiring of such a minor as a common laborer.—Antosik v. Mich. Alkali Co., 166 / 415.

LIABILITY OF EMPLOYER: The employment of a child under 16 years of age to operate a machine dangerous to life or limb (Act 113 of 1901, § 3) constituted actionable negligence.—Sterling v. Union Carbide Co., 142 / 284; Beghold v. Auto Body Co., 149 / 14. Whether the employment of such a person to run an electric freight elevator was within that prohibition was a question for the jury.—Braasch v. Mich. Stove Co., 147 / 676. The employer of a child under 16, without the sworn statement of the parent or guardian (Act 113 of 1901; Am. Act 171 of 1905) was not relieved of liability by the statement of the child that he was over 16.—Syneszewski v. Schmidt, 153 / 438; Braasch v. Mich. Stove Co., 153 / 652. Nor by a similar statement of the child's elder brother.—Beghold v. Auto Body Co., 149 / 14. Though this act does not expressly give a right of action to persons injured by its violation, yet a child, injured while unlawfully employed, may maintain an action for damages, unless precluded by some act of his own.—Syneszewski v. Schmidt, 153 / 438. Where the employment of a child in violation of the statute is relied upon as negligence, the declaration must aver facts from which a prohibited employment appears.—Van Wyck v. Dickinson, 148 / 418.

NEGLIGENCE OF INFANT. An infant of 14 years held not guilty of

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negligence *per se*.—Lund v. Sargent Mfg. Co., 158 / 3. Contributory negligence of a child employed in a factory in violation of the provisions of this section held to bar recovery.—Woods v. Kalamazoo Paper Box Co., 167 / 514; Beghold v Auto Body Co., 149 / 14.

ASSUMPTION OF RISK: A servant does not assume the risk due to an omission by the master of a statutory duty imposed for the protection of the servant.—Murphy v. Grand Rapids Veneer Works, 142 / 677; Swick v. Aetna Portland Cement Co., 147 / 454; Trombley v. McAfee, 152 / 494; Little v. Bousfield & Co., 154 / 369; Van Doorn v. Heap, 160 / 199; Johnson v. Union Carbide Co., 169 / 651. The doctrine of assumed risk, being predicated on contractual relations, is not binding upon a child employed in violation of the statute.—Dalm v. Bryant Paper Co., 157 / 550. Nor can the risk of injury by the negligence of fellow-servants be assumed by a child under 14 unlawfully employed.—Syneszewski v. Schmidt, 153 / 438; Dalm v. Bryant Paper Co., 157 / 550. Relation of the defenses of assumed risk and contributory negligence.—Swick v. Aetna Portland Cement Co., 147 / 454. The contributory negligence of plaintiff may be a defense to an action against an employer for personal injuries, notwithstanding a violation on his part of a statutory duty which deprives him of the defense of assumption of risk.—Trombley v. McAfee, 152 / 494; Gehl v. Pittsburg Coal Co., 163 / 285.

Certain work not allowed.

(11) SEC. 11. No female under the age of twenty-one years and no male under the age of eighteen years shall be allowed to clean machinery while in motion nor employed in or about any distillery, brewery, or any other establishment where malt or alcoholic liquors are manufactured, packed, wrapped or bottled, nor in any hazardous employment, or where their health may be injured or morals depraved, nor shall females be unnecessarily required in any employment to remain standing constantly. No child under the age of sixteen years shall be employed in or about any theater, variety show, moving picture show, burlesque show, or other kind of playhouse, music or dance hall, pool room or billiard room: Provided, That in all cities in which the department of labor maintains a permanent office, the official in charge thereof shall be authorized and required, under the direction of the commissioner of labor, and in other cities or municipalities the superintendent of schools shall likewise be authorized and required to issue, upon demand, certificates of age to young persons past the age of sixteen years, in accord with the following conditions, to-wit: The official authorized to issue such certificate shall not issue the same until he has received, examined, approved and filed the following papers, duly executed:

Proviso.

Age certificates.

Record of birth.

(a) A passport, or duly attested transcript of the record of birth, as kept by any recognized public authority or a record of baptism or other religious record, showing the date and place of birth of such young person;

Physician, statement of.

(b) A statement from a physician connected officially with the board or department of health, which shall be required, however, only in case the above mentioned official or religious record can not be produced, which statement shall certify that, in the opinion of the physician issuing said statement, the young person is of the age stated therein. Such statement shall also certify to the correct weight and height of said young person, and shall be kept on file by the official issuing certificates of age; such official may, in his discretion, require also an affidavit from the parent of the young person concerned, or other evidence, as additional proof of age;

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(c) A statement by the issuing officer that he has examined said young person, and that in his opinion the young person is of the age stated in said certificate of age. Every such certificate shall be signed, in the presence of the officer issuing the same, by the young person in whose name it is issued, and shall state the date and place of birth of said person, and describe the color of the hair and eyes, the height and weight, and any distinguishing facial marks of such person, and that the papers required by the preceding section have been duly received, examined, approved and filed, and that the young person named in such certificate has appeared before the officer and been examined. Every employer complying with the provisions of this section shall be at liberty to employ the person so presenting the certificate hereinbefore referred to, and is justified in considering and treating such person as of the age shown in such certificate and shall not be liable, if it transpire that such person is under the age represented in such certificate, to any greater extent than such employer would be liable if such person were of the age represented; Certificate, what to state, etc.

(d) This act shall not be construed so as to prevent children under sixteen years of age from being employed by traveling theatrical companies whose employment consists of acting a part in the productions of such company. Theatrical children.

Am. Id.
Tabinski v. A. Harvey's Sons Mfg. Co., 168 / 392.

(12) SEC. 12. It shall be the duty of the owner, agent or lessee of any manufacturing establishment where hoisting shafts or well-holes are used, to cause the same to be properly enclosed and secured. It shall be the duty of the owner, agent or lessee to provide or cause to be provided at all elevator openings in any manufacturing establishment, workshop, hotel or store, proper trap or automatic doors or automatic gates so constructed as to open and close by the action of elevators either ascending or descending. The deputy factory inspector shall inspect the cables, gearing or other apparatus of elevators in manufacturing establishments, workshops, hotels and stores at least once in each year, and more frequently if necessary, and require that the same be kept in a safe condition, and shall have power to condemn any elevator if in his opinion the same be unsafe, and stop the operation of such elevator until the same be put in a safe condition. Hoisting shafts, well-holes. Elevator openings. Inspection of cables, gearing, etc.

Provisions of Act 113, of 1901, § 5, requiring hoisting shafts and well-holes to be properly enclosed and secured imposes a duty to protect employes and not merely a duty to prevent people from accidentally falling down an elevator shaft from the outside.—Murphy v. Grand Rapids Veneer Works, 142 / 677. No power is given to a factory inspector to order the construction of an elevator.—Barfoot v. White Star Line, 170 / 349, 359. Construction of elevators in buildings discussed.—Id. 360. Liability of owner or lessor of a building, part of which is used for manufacturing purposes by the tenant, for failure to install automatic gates.—Barfoot v. White Star Line, 170 / 349. Design of such gates.—Id. Provision of the act of 1901, requiring automatic gates, held not applicable in a certain case.—Delbusso v. American Cement Plaster Co., 165 / 318.

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Factory inspectors, power to condemn.

(13) SEC. 13. Factory inspectors shall have power to condemn all school houses if in their opinion they are unsafe and liable to collapse and cause the lives of children to be endangered; also factory inspectors shall have power to order fire escapes on all manufacturing establishments, hotels, stores, theaters, schools, halls, public and office buildings two or more stories in height, and apartment houses three or more stories in height, if in the opinion of the factory inspector it be necessary to insure the safety of persons in such places; said fire escape or means of egress, or as many thereof as may be deemed sufficient by the inspector, shall be provided, and where it is necessary to provide fire escapes on the outside of such building they shall consist of landings and balconies at each floor above the first, to be built according to specifications provided by the factory inspector. All doors in school houses and the doors of the capitol building and all state institutions shall open outward. Factory inspectors shall in writing notify the owner, agent or lessee of such manufacturing establishments, hotels, stores, theaters, schools, halls, apartment houses and public and office buildings of the required location and specifications of such escapes as may be ordered and as to all failures to comply with the provisions of this act. Any person, firm or corporation, or any member of any school board, who shall violate or cause to be violated any of the provisions of this section, or shall fail or refuse to erect or cause to be erected any fire escape ordered by any factory inspector, under authority of this section, shall be deemed guilty of a misdemeanor, and upon conviction shall be fined not less than one hundred dollars nor more than one thousand dollars, or imprisoned for not less than three months nor more than one year, or by both such fine and imprisonment in the discretion of the court.

Doors to open outward.

Penalty.

Am. 1911, Act 251.

Hand rails, etc.

(14) SEC. 14. Stairways with substantial hand rails shall be provided in manufacturing establishments, and where in the opinion of the factory inspector it be necessary, the steps of such stairs in all such establishments shall be substantially covered with rubber securely fastened thereon, for the better safety of persons employed in said establishments. The stairs shall be properly screened at sides and bottom where females are employed, and the outside doors of such establishment shall swing outwardly, and no doors shall be locked, bolted or fastened during working hours.

Screens, where females employed.

Am. 1913, Act 160.

A ladder is not a stairway; the two distinguished.—Davis v. Buss Machine Works, 169 / 498. At common law a night watchman would assume the risk of using a ladder or stairway with no concealed defects, etc., constructed without a handrail; but plaintiff did not assume the risk of his employer's failure to comply with this statute.—Id.

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(15) SEC. 15. It shall be the duty of the owner of any factory, storehouse or warehouse, or his agent, superintendent or other person in charge of the same, to furnish or supply, or cause to be furnished or supplied, in the discretion of the factory inspector, where machinery is in use, proper shifters or other mechanical contrivances for the purpose of throwing belts on or off pulleys. All gearing or belting shall be provided with proper safeguards, and whenever possible machinery shall be provided with loose pulleys. All vats, saws, pans, planers, cogs, set-screws, gearing and machinery of every description shall be properly guarded when deemed necessary by the factory inspector.

Shifters, etc.

Loose pulleys.

Vats, saws, etc.

Duty of employer under C. L. 1897, § 5349, to safeguard gearing and belting, irrespective of any order by the factory inspector.—Swick v. Aetna Portland Cement Co., 147 / 454. The legislature did not intend by this act to constitute the factory inspector sole judge as to what employment is dangerous to the life and limb of a male under 18 years of age.—Tabinski v. A. Harvey's Sons Mfg. Co., 168 / 392. Gearing defined and held dangerous.—Id. Introduction of testimony to prove that no guard was used held fatal variance from a declaration alleging the use of a defective guard.—Scherer v. Otis Elevator Co., 167 / 1.

(16) SEC. 16. Exhaust fans shall be provided for the purpose of carrying off dust from emery wheels and grindstones and dust-creating machinery, wherever deemed necessary by the factory inspector.

Exhaust fans.

Act 136 of 1887 (C. L. 1897, § § 5547-5549) requiring blowers in establishments where emery wheels or belts are used was held constitutional.—People v. Smith, 108 / 527.

(17) SEC. 17. Every manufacturing establishment, workshop, hotel or store in which five or more persons are employed, and every institution in which two or more children, young persons or women are employed, shall be supplied with proper wash and dressing rooms, and kept in a cleanly state and free from effluvia arising from any drain, privy or other nuisance, and shall be provided within reasonable access with a sufficient number of proper water closets, earth closets or privies for the reasonable use of persons employed therein, at least one of such closets for each twenty-five persons employed; and wherever two or more persons and one or more female persons are employed as aforesaid, a sufficient number of separate and distinct water closets, earth closets or privies shall be provided for the use of each sex, and plainly so designated, and no person shall be allowed to use any such closet or privy assigned to persons of the other sex. In all hotels where sleeping rooms are provided for female help such rooms shall have proper heat and ventilation.

Wash and dressing rooms, closets.

(18) SEC. 18. The commissioner of labor shall be the chief factory inspector and the deputy commissioner of labor and deputy factory inspectors shall be factory inspectors in the meaning of this act. At least two of such deputy factory inspectors shall be women. Said factory inspectors are

Factory inspectors, who deemed.

Powers and duties.

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hereby empowered to visit and inspect at all reasonable hours, as often as practicable or required, the factories, workshops and other manufacturing establishments in this state where the manufacture of goods is carried on, and all hotels where any person or persons are employed, also all stores in this state. Deputy factory inspectors shall report to the commissioner of labor at such time and manner as he may require. It shall also be the duty of the factory inspectors to enforce all the provisions of this act and to prosecute all violations of the same before a magistrate or in a court of competent jurisdiction in this state.

Deputies.

Reports.

(19) SEC. 19. Deputy factory inspectors shall return to the commissioner of labor, as he may require, detailed reports of the results of all inspections, together with statistics gathered, and said commissioner shall keep on file in his office at Lansing a record of all reports so returned. A copy of the report on such inspection and of any order in reference thereto shall be served by the factory inspector on the superintendent, owner or manager of each building, establishment or workshop inspected. Service of such order shall be accepted and a duplicate thereof signed by such superintendent, owner or manager. If the superintendent, owner or manager of whom such signature is demanded shall refuse to so sign such acceptance of service, an affidavit by the inspector showing the facts of such service, demand of signature and refusal shall be sufficient evidence of service when duly filed; but such superintendent, owner or manager shall not thereby be released from any criminal liability attending his refusal under this act. Deputy factory inspectors and special canvassers shall have the same power to administer oaths as is now given to notaries public, in cases where persons desire to verify documents connected with the proper enforcement of this act.

Copies of, served on superintendents, etc.

Evidence of service.

Deputies may administer oaths.

The liability of a master for injury to a servant by reason of failure to guard dangerous machinery, under the provisions of Act 113, of 1901, depends upon the fact of the order having been made by the factory inspector and brought to the notice of the master.—Kerr v. Nat'l Fulton Brass Mfg. Co., 155/191.

Annual inspection of factories, etc.

(20) SEC. 20. For the purpose of carrying out the provisions of this act, the commissioner of labor is hereby authorized and required to cause at least an annual inspection of all manufacturing establishments, factories, hotels, workshops and stores. Such inspection may be made by the commissioner of labor, the deputy commissioner of labor, deputy factory inspectors, or such other person as may be appointed by the commissioner of labor for the purpose of making such inspection. Such persons shall be under the control and direction of the commissioner of labor. All compensation for services and expenses provided for in this act shall be paid by the state treasurer upon the warrant of the

Services, etc., how paid.

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auditor general and audited by the auditor general: Provided, That the commissioner of labor shall present to the governor on or before the first day of April of each year, a report of such inspection, with such recommendations as may in his judgment be necessary. Proviso, yearly report.

(21) SEC. 21. The prosecuting attorney of any county of this state is hereby authorized and shall, upon the complaint on oath of the commissioner of labor or any factory inspector, or of any citizen of the United States, if approved by any factory inspector, prosecute to termination before any court of competent jurisdiction, in the name of the people of the state, actions or proceedings against any person or persons reported to him to have violated any of the provisions of this act. Complaints of labor law violation.

Am. 1911, Act 123.

(22) SEC. 22. No room or apartment in any tenement or dwelling house shall be used for the manufacture of coats, vests, trousers, knee pants, overalls, skirts, dresses, cloaks, hats, caps, suspenders, jerseys, blouses, waists, waist-bands, underwear, neckwear, furs, fur trimming, fur garments, shirts, hosiery, purses, feathers, artificial flowers, cigarettes or cigars, and no person, firm or corporation shall hire or employ any persons to work in any room, apartment or in any building or parts of buildings, at making in whole or in part any of the articles mentioned in this section, without first obtaining a written permit from the factory inspector or one of his deputies, stating the maximum number of persons allowed to be employed therein and that the building or part of building intended to be used for such work or business is thoroughly cleaned, sanitary and fit for occupancy for such work or business. Such permit shall not be granted until an inspection of such premises is made by the factory inspector or one of his deputies. Said permit may be revoked by the factory inspector at any time the health of the community or of those so employed may require it. It shall be framed and posted in a conspicuous place in the room, or in one of the rooms to which it relates. Every person, firm, company or corporation contracting for the manufacture of any of the articles mentioned in this section, or giving out the incomplete material from which they or any of them are to be made, or to be wholly or partially finished, shall, before contracting for the manufacture of any of said articles, or giving out said material from which they or any of them are to be made, require the production by such contractor, person or persons of said permit from the factory inspector, as required in this section, and shall keep a written register of the names and addresses of all persons to whom such work is given to be made, or with whom they may have contracted to do the same. Such register shall be produced for inspection and a copy thereof shall be furnished on demand by the

Tenement or dwelling, use of.

Permit, when granted.

To be posted.

When produced.

Register.

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Proviso, seamstress.

Sleeping rooms.

Air space, etc.

Contagious, etc., diseases to be reported.

Seizure of articles.

Shipment of infected, etc., articles into state.

Proviso, certain stores.

Improvements, inspectors may order.

Proviso, nonresident owners.

When tenant may deduct from rent.

factory inspector or one of his deputies: Provided, That nothing in this section shall be so construed as to prevent the employment of a seamstress by any family for manufacturing articles for such family use. None of the work mentioned in this section shall be done in any room or apartment used for living or sleeping purposes, or which is connected with the room or rooms used for such purposes, and which has not a separate and distinct outside entrance for use of others than members of the family dwelling therein. Not less than two hundred fifty cubic feet of air space shall be allowed for each person employed, and all work rooms shall be provided with sufficient means of light, heat and ventilation as may be prescribed by the chief factory inspector. It shall be the duty of local boards of health, health officers and physicians to report within twenty-four hours to the deputy factory inspector in their respective districts each and every case of contagious or infectious disease coming officially to their knowledge. The chief factory inspector or any duly appointed deputy factory inspector shall have power to seize and take charge of all articles found that are being made or partially made, finished, cleaned or repaired in unhealthy or insanitary places where there are contagious or infectious diseases, in violation of the law, and may proceed to disinfect, condemn or destroy the same as in the opinion of the local board of health officer, the public health or safety may require. Whenever it is reported to the chief factory inspector or to the state board of health, or to either of them, that any of the articles named in this section are being or have been shipped into this state, having previously been manufactured in whole or in part under unhealthy conditions, said chief factory inspector shall examine said goods and the condition of their manufacture, and if upon such examination said goods or any of them are found to contain vermin or to have been made in improper places or under unhealthy conditions, he shall make report thereof to the state board of health, which board shall thereupon make such order or orders as the public health and safety may require: Provided, That in stores where goods are manufactured, altered or repaired, work rooms shall be provided with proper heat, light and ventilation, as prescribed in this section.

(23) SEC. 23. Factory inspectors shall have power to order all improvements herein specified, such as the repairing of elevators, the installment of wash and dressing rooms and water closets. When such improvements are found necessary orders for same shall be served on the owner of the building or premises: Provided, That whenever the owner of such buildings or premises as mentioned in this act be a nonresident of this state said order may be made on his resident agent or the tenant of such buildings or premises. If the tenant be required to make such improvements he may deduct

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the cost thereof from the amount of rent for use of such buildings or premises.

This section construed in connection with section 12 of this act.—Barfoot v. White Star Line, 170/349.

(24) SEC. 24. All persons who employ females in stores, shops, offices or manufactories, as clerks, assistants, operatives or helpers in any business, trade or occupation carried on or operated by them, shall be required to procure and provide proper and suitable seats for all such females, and shall permit the use of such seats, rests or stools as may be necessary, and shall not make any arbitrary rules, regulations or orders preventing the use of such stools or seats at reasonable times. No employer of female help shall neglect or refuse to provide seats as provided in this act, nor shall make any rules, orders of regulations in their shops, stores or other places of business requiring females to remain standing when not necessarily in service or labor therein.

Seats for females.

Neglect or refusal to provide.

(25) SEC. 25. No person shall employ or permit any girl or woman to act as barkeeper, or to serve liquor, or to furnish music, or for dancing in any saloon or barroom where spirituous or intoxicating liquors, or malt, brewed or fermented liquors are sold or kept for sale.

Female labor in saloon, etc.

This section is deemed to supersede C. L. 1897, §§ 5361-5364, on the same subject.

(26) SEC. 26. All entrances to foundries shall be constructed and maintained so as to minimize drafts. All passage ways in foundries, now in operation or hereafter to be built, shall be constructed and maintained of sufficient width to make them reasonably safe for the workmen, and no unnecessary obstruction shall be allowed in such passage ways during the hours of casting. Whenever a foundry is so constructed or operated that smoke, steam, dust or noxious gases are not promptly carried off by the general ventilation, exhaust fans shall be provided. No salamanders or open fire places shall be used, unless ample provision be made for conveying the gases arising therefrom directly from the building. Foundries shall be reasonably well lighted throughout working hours, and reasonably well heated during the cold and inclement weather. Hot water shall be kept available for washing purposes during the season in which artificial heating is necessary. When it is thought necessary and advisable by a state factory inspector, facilities shall be provided for drying the clothing of persons employed therein. All pits around furnaces in any such foundry shall be covered with substantial iron gratings. All stairways around such furnaces shall be constructed of iron. There shall be kept on hand at all times in every foundry a reasonable supply of lime water, sweet oil, vaseline, bandages and absorbent cotton for use by the workmen in case of burns or accident.

Foundries.

Exhaust fans.

Salamanders.

Hot water.

Burns or accident.

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Places deemed foundries.

It is hereby made the duty of each and every state factory inspector to enforce the provisions of this section. Any place or establishment where metal castings or cores are made shall be deemed a foundry within the meaning of this act.

This section is deemed to supersede Act 152 of 1907 on the same subject.

Fans, blowers.

(27) SEC. 27. All persons, companies or corporations operating any factory or workshop, where wheels or emery belts of any description are in general use, either leather, leather covered, felt, canvas, paper, cotton, or wheels or belts rolled or coated with emery or corundum, or cotton wheels used as buffs, shall provide the same with fans or blowers or similar apparatus, which shall be placed in such a position or manner as to protect the person or persons using the same from the particles of dust produced and caused thereby, and to carry the dust arising from, or thrown off by such wheels or belts while in operation, directly to the outside of the building or to some other receptacle placed so as to receive and confine such dust: Provided, That grinding machines upon which water is used at the point of grinding contact shall be exempt from the conditions of this act: Provided further, That this act shall not apply to solid emery wheels used in saw-mills or planing-mills or other wood working establishments.

Proviso.

Further proviso.

Notice to guard emery wheels in use in defendant's factory held broad enough to include wheels subsequently installed.—Kerr v. Brass Mfg. Co., 155/191.

Duty of persons operating factory.

(28) SEC. 28. It shall be the duty of any person, company or corporation operating any such factory or workshop to provide or construct such appliances, apparatus, machinery or other things necessary to carry out the purposes of this act, as set forth in the preceding section, as follows: Each and every such wheel shall be fitted with a sheet or cast iron hood or hopper of such form and so applied to such wheel or wheels that the dust or refuse therefrom will fall from such wheels or will be thrown into such hood or hopper by centrifugal force and be carried off by the current of air into a suction pipe attached to such hood or hopper.

Hood or hopper.

Suction pipes.

(29) SEC. 29. Each and every such wheel six inches or less in diameter shall be provided with a three-inch suction pipe, wheels six inches to twenty-four inches in diameter with four-inch suction pipes, wheels from twenty-four inches to thirty-six inches in diameter with five-inch suction pipes, and all wheels larger in diameter than those stated above shall be provided each with a suction pipe not less than six inches in diameter. The suction pipe from each wheel so specified must be full size to the main trunk suction pipe, and the said main suction pipe to which smaller pipes are attached shall, in its diameter and capacity, be equal to the combined areas of such smaller pipes attached to the same, and the discharge pipe from the exhaust fan connected with

Size.

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such suction pipe or pipes shall be as large or larger than the suction pipe.

(30) SEC. 30. It shall be the duty of any person, company or corporation operating any such factory or workshop, to provide the necessary fans or blowers to be connected with such pipe or pipes, as above set forth, which shall be run at such rate of speed as will produce a velocity of air in such suction or discharge pipes of at least nine thousand feet per minute or an equivalent suction or pressure of air equal to raising a column of water not less than five inches high in an U-shaped tube. All branch pipes must enter the main trunk pipe at an angle of forty-five degrees or less. The main suction or trunk pipe shall be below the polishing or buffing wheels and as close to the same as possible, and be either upon the floor or beneath the floor on which the machines are placed to which such wheels are attached. All bends, turns or elbows in such pipes must be made with easy smooth surfaces having a radius in the throat of not less than two inches diameter, of the pipe on which they are connected.

Connection of fans with pipes.

Branch pipes.

Bends, turns.

(31) SEC. 31. It shall be the duty of any factory inspector, sheriff, constable or prosecuting attorney of any county in this state, in which any such factory or workshop is situated, upon receiving notice in writing, signed by any person or persons having knowledge of such facts, that such factory or workshop is not provided with such appliances as herein provided for, to visit any such factory or workshop and inspect the same, and for such purpose they are hereby authorized to enter any factory or workshop in this state during working hours, and upon ascertaining the facts that the proprietors or managers of such factories or workshops have failed to comply with the provisions of this act, to make complaint of the same in writing before a justice of the peace or police magistrate having jurisdiction, who shall thereupon issue his warrant directed to the owner, manager or director of such factory or workshop, who shall be thereupon proceeded against for the violation of this act as hereinafter mentioned, and it is made the duty of the prosecuting attorney to prosecute all cases under this act. No person shall be employed to operate any of the wheels, buffers or belts mentioned in this act in any basement, so-called, or in any room lying wholly or partly beneath the surface of the ground, unless such workroom shall be provided with sufficient means of light, heat and ventilation as shall be prescribed by the state factory inspector. No female shall be employed in operating or using any of the wheels or belts specified in this section.

Who may visit and inspect factory during working hours.

Complaint, when made.

Warrant.

Basements, use of certain wheels, buffers, etc., in.

Females.

(32) SEC. 32. All persons, companies or corporations operating any upholstering or mattress establishments or other establishments, factory or place where hair, moss, tow or cotton is used for filling, shall provide the same with hair picking machines when ordered by the commissioner, deputy commissioner of labor or deputy factory inspector, which

Hair picking machines.

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shall be placed in such a position or manner as to carry away the dust arising from or thrown off by such machines while in operation directly to the outside of the building or to some other receptacle established so as to receive and confine such dust, and the same shall be placed within such establishment, place or factory within three months after having been ordered to be so placed by the commissioner, deputy commissioner of labor or deputy factory inspector.

When established.

This section is deemed to supersede Act 252 of 1907 on the same subject.

Stationary steam boilers.

(33) SEC. 33. All stationary steam boilers operated or used, or caused to be operated or used, by any person, firm or corporation within the state of Michigan, shall, whenever so ordered by the chief factory inspector or any of his duly authorized deputies, have upon them some device which will sound an alarm for the purpose of calling the attention of the engineer, fireman or person in charge of any such boiler to the depth of water in the boiler before the same reaches the danger point: Provided, That the kind of device or alarm used shall be approved by the chief factory inspector of the state; and he or any of the duly authorized deputies shall be authorized to enter upon the premises of any person, firm or corporation within this state for the purpose of inspecting any stationary steam boiler so used or operated.

Proviso, approval, inspection.

This and the next section are deemed to supersede Act 209, of 1899, on the same subject.

Low water alarm, operation without, unlawful.

(34) SEC. 34. It shall be unlawful for any person, firm or corporation to operate any stationary steam boiler without its having a low water alarm attached thereto, after the chief factory inspector or any duly authorized deputy has ordered the same to be used as specified in this act.

Employment bureaus, creation of.

(35) SEC. 35. Free employment bureaus are hereby authorized to be created and established in this state as follows: One in the city of Detroit, one in the city of Grand Rapids, one in the city of Jackson, one in the city of Bay City, one in the city of Battle Creek, one in the city of Muskegon, one in the city of Saginaw, one in the city of Flint, one in the city of Kalamazoo and one in the city of Traverse City, for the purpose of receiving applications of persons seeking employment and applications of persons seeking to employ labor. Such bureaus shall be designated and known as Michigan free employment bureaus. The commissioner of labor shall organize, establish and control the free employment bureaus authorized by this act. No compensation or fee shall be charged or received directly or indirectly from persons applying for employment or help through any such bureau. It shall be the duty of said commissioner of labor to use all diligence in securing the co-operation of employers of labor with the purpose and objects of said employment bureau. To this end it shall be competent for said commissioner to advertise in the columns of newspapers or to use other mediums for

Labor commissioner to organize.

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such situations as he or his agents have applicants to fill, and for such help as may be called for by employers. Said commissioner of labor may also advertise in a general way for the co-operation of large contractors and employers, in such trade journals or special publications as reach such employers, whether such trade journals are published in the state of Michigan or not, and he may pursue such other methods as in his judgment will best tend to accomplish the purpose of this act.

Am. 1911, Act 191.
This and the next two sections are deemed to supersede Act 281 of 1907 on the same subject.

(36) SEC. 36. The commissioner of labor is authorized to appoint such assistants as may be necessary for the proper administration of such free employment bureaus. All such assistants shall be under the control and direction of the commissioner of labor, and shall receive such compensation as he shall determine. All compensation for services and expenses provided for in this act, except the compensation allowed to the commissioner and his deputy, shall be paid from the sum of forty thousand dollars hereinafter appropriated under the provisions of section thirty-seven of this act. Such compensation and services shall be paid by the state treasurer upon the warrant of the auditor general in the same manner as other salaries and expenses are paid.

Assistants.

Compensation.

How paid.

(37) SEC. 37. The sum of forty thousand dollars is hereby appropriated for each fiscal year beginning July first, nineteen hundred nine, for the maintenance and support of said department of labor, and the auditor general is hereby directed to annually add to and incorporate in the state tax to be levied each year the sum of forty thousand dollars, which when collected shall be credited to the general fund to reimburse the same for the money appropriated by this act.

Annual appropriation.

(54) SEC. 54. Any person who violates or omits to comply with any of the foregoing provisions of this act, or who interferes in any manner with the factory inspector in the discharge of his duties, or who suffers or permits any child or female to be employed in violation of its provisions, shall be deemed guilty of a misdemeanor, and on conviction shall be punished by a fine of not less than ten nor more than one hundred dollars or by imprisonment for not less than ten nor more than ninety days, or by both such fine and imprisonment in the discretion of the court.

Penalty clause.

Sec. 55 repeals "all acts or parts of acts inconsistent herewith."

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CHAPTER II.—REGULATION AND INSPECTION.

SECTION I.—MINES.

An Act to provide for the health and safety of persons employed in and about the coal mines of Michigan, for the appointment, qualifications, duties and compensation of an inspector of mines, and for the protection and preservation of property connected therewith, and to provide penalties for the violation thereof, and for the repeal of all acts and parts of acts inconsistent herewith.

[Act 177, P. A. 1913.]

The People of the State of Michigan enact:

Terms and definitions.

(55) SECTION 1. For the purposes of this act, the terms and definitions contained herein shall be as follows:

Mine. In this act the term "mine" includes the shafts, slopes and drifts connected with excavations penetrating the coal stratum or strata, which excavations are ventilated by one general air current, or division thereof, and connected by one general system of mine railroads, over which coal may be delivered to one or more points outside the mine, when such is operated by one operator.

Excavations and workings. The term "excavations and workings" includes all the excavated portions of a mine, those abandoned, as well as the places actually being worked; also all underground workings and shafts, slopes, tunnels and other openings, in the course of being sunk or driven, together with all roads, appliances, machinery and material connected with the same below the surface.

Shaft. The term "shaft" means a vertical opening through the strata that is or may be used for the purpose of ventilation or drainage, or for hoisting men, coal or material, or both, in connection with the mining of coal.

Slope. The term "slope" means an incline or opening used for the same purpose as a shaft.

Operator. The term "operator" means any firm, corporation or individual operating any coal mine, or any part thereof.

Superintendent. The term "superintendent" means the person who shall have, on behalf of the operator, immediate supervision of one or more mines.

Mine foreman. The term "mine foreman" means the person whom the operator or superintendent shall place in charge of the inside workings of the mine and of the persons employed therein.

Inspector. The term "inspector" means the person com-

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missioned by the commissioner of labor to have supervision of the mines as hereinafter prescribed.

Mine committee. The term "mine committee" means men employed to represent the miners.

See ante, sections 38-53.
The several states possess a general police power, by which persons and property are subjected to all kinds of restraints and burdens in order to secure the general health, comfort and prosperity of the state.—Davock v. Moore, 105 / 120, 132. And the state, in the exercise of that power, may prescribe reasonable regulations for the protection of employes, for the right of the citizen to use his property without regulation must yield to the public exigency.—People v. Smith, 108 / 527. Such regulations of the use of private property will be presumed reasonable and necessary, unless the contrary appears from facts of which the court may take judicial notice.—Id.

Appointment of Mine Inspector.

(56) SEC. 2. An inspector of coal mines shall be appointed by the commissioner of labor, subject to the approval of the governor of the state, who shall have had at least eight years' experience in the mine, three years of which he was employed in mining and loading coal, and he shall not, while in office, be interested as owner, operator, agent, director or otherwise interested in any coal mine, gas, oil or other mining interest, directly or indirectly, or in any way whatever be connected with a miner's organization during his term of office, and he must have been a resident of the state at least five years before his appointment to office, and shall receive as a salary for his services the sum of four dollars per day, and in addition thereto shall be allowed an amount not exceeding seven hundred fifty dollars for traveling expenses per year. The inspector shall present all bills for traveling expenses to the commissioner of labor, and the same shall be approved by him before being presented to the board of state auditors for allowance. The salary and expense of the inspector shall be paid semi-monthly from the general fund of the state upon warrants drawn by the auditor general. By whom appointed

Police Powers of Inspector.

(57) SEC. 3. The inspector of mines is hereby empowered to act as police officer with full power to arrest and detain any person found violating any provisions of this act, or engaged in any attempt to violate this law or any part thereof, or against whom there is found any evidence of a previous violation of this law: Provided, however, That no such person shall be detained for any period of time longer than twenty-four hours without warrant or the filing of a charge against him in a court of competent jurisdiction. Such inspector shall also have the power to immediately stop the operation of any coal mine, or part thereof, in which any dangerous or unlawful condition is found: Provided, however, That where conditions exist justifying him to do so, he may grant a reasonable length of time for making necessary Proviso. Proviso.

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Further proviso.

repairs: And Provided further, That where any stop is enforced, such inspector shall have the power to subsequently allow such mine, or part of mine to be reopened when the dangerous or unlawful conditions have been remedied or removed, so that they no longer exist.

Authority to Enter.

(58) SEC. 4. It shall be lawful for the inspector of mines to enter, examine and inspect at any and all seasonable times, by day or by night, but so as not to unreasonably obstruct or hinder the working of such coal mine, and the operator of every such coal mine is hereby required to allow free access for making such examination and inspection.

Posting Notices.

(59) SEC. 5. The result of all coal mine inspections made by the inspector of the mines, showing all his conclusions as to the condition or safety of the mines and orders given in the inspection of any coal mine, shall be posted in writing at the entrance to such mine immediately upon the conclusion of each inspection, and he shall furnish a copy of such report to the mine office, and also to the mine committee. The inspector of mines shall make personal inspection of all coal mines in the state at least four times each year.

Inspector of Weights.

(60) SEC. 6. The state coal mine inspector shall be ex officio inspector of weights, measures and scales used at coal mines, and he is hereby empowered and it shall be his duty to test all the scales, correctly measure the weight of such coal, and if defects or irregularities are found in such scales, which prevent correct weights and measurements, the inspector shall call the attention of the mine owner, agent or operator to such defects, and shall direct the same to be at once properly adjusted and corrected.

Test Weights.

(61) SEC. 7. For the purpose of carrying out the provisions of this act, the state inspector shall be furnished by the state with a complete set of standard weights, suitable for testing the accuracy of track scales and of all smaller scales at mines. Such test weights shall remain in the custody of the inspector for use at any point within the state, and for any amounts expended by him for storage, transportation or handling of the same, he shall be fully reimbursed upon making entry of the proper items in his expense voucher.

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Weighmen to Make Oath.

(62) SEC. 8. All weighmen who shall perform the duty of weighing coal shall be sworn by some one competent to administer a legal oath, that they will perform their duty accurately and impartially as between employers and employes, and that they will honestly report and record all weights of coal with which they are entrusted. The coal mine employes shall have the right to name a competent and fair check weighman, who shall be paid by the employes and be sworn by one authorized to administer oaths.

Map of Mines. Copies Furnished Mine Inspector. Surveys Ordered. When.

(63) SEC. 9. The owner, operator, lessee or person in charge of any coal mine, shall make or cause to be made an accurate map or plan of such mine, drawn to a scale of not more than two hundred feet to the inch, on which shall appear the name of the state, county and township in which the mine is located, the designation of the mine, the name of the company or owner, operator, lessee or person in charge, the certificate of the mining engineer or surveyor as to the accuracy and date of the survey, the north point and the scale to which the drawing is made. Every such map or plan shall correctly show the surface, boundary lines of the coal rights pertaining to each mine, and all sections or quarter section lines or corners within the same; the lines of town lots and streets; the tracks and sidetracks of all railroads, the location of all wagon roads, rivers, streams, ponds. For the underground workings said map shall show all shafts, slopes, tunnels, or other openings to the surface or to the workings of a contiguous mine, all excavations, entries, rooms and crosscuts; the location of the escape ways, and of the fan or other means of ventilation, and the direction of air currents and the location of permanent pumps, hauling engines, engine plans, abandoned work, fire walls and standing water. A separate and similar map drawn to the same scale in all cases, shall be made of each and every seam of coal operated in any mine in this state. A separate map shall also be made of the surface whenever the surface buildings, lines or objects are so numerous as to obscure the details of the mine workings, if drawn upon the same sheet with them, and in such case the surface map shall be drawn upon transparent cloth or paper, so that it can be laid upon the map of the underground workings and thus truly indicate the local relations of lines and objects on the surface to the excavations of the mine, together with any other principal workings of the mine. The original or true copies of all such maps shall be kept at the office of the mine, and true copies thereof shall also be furnished the state inspector of coal mines within thirty days after the

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completion of the same. The maps so delivered to the inspector shall be the property of the state and shall remain in the custody of the commissioner of labor during his term of office, and be delivered to his successor in office. They shall be kept at the office of the commissioner of labor, and be open to examination of all persons interested in the same, but such examination shall be made only in the presence of the inspector, commissioner of labor, or his office assistant; no copies of the same to be made without the written consent of the operator or owner of the property, except as herein otherwise provided. An accurate extension of the last preceding survey of every mine in active operation shall be made in every twelve months prior to July first of every year, and the result of such survey, with the date thereof, shall be promptly and accurately entered upon the original map; and a true, correct and accurate copy of said extended map shall be forwarded to the inspector of coal mines so as to show all changes in plan of new work in the mine, and all extensions of old workings to the most advanced face or boundary of said workings which have been made since the last preceding survey; and the parts of the mine abandoned or worked out after the last preceding survey shall be clearly indicated and shown by colorings, which copy must be delivered to such inspector of coal mines within thirty days after the last survey is made. When any coal mine is worked out or is about to be abandoned, or indefinitely closed, the owner, operator, lessee or person in charge of the same shall make or cause to be made a complete and extended map of said mine, and the result of the same shall be duly extended on all maps of the mine and copies thereof so as to show all excavations and the most advanced workings of the mine and their exact relations to the boundary or section lines on the surface, and deliver to the inspector a copy of the completed map. The state coal mine inspector shall order a survey to be made of the workings of any mine and the result to be extended on the maps of the same, and the copies thereof, whenever in his judgment the safety of the working men, or the safety of an adjoining mine requires it; and if not made by the owner, operator, lessee or person in charge when ordered by the inspector, it shall be made or caused to be made by the inspector and paid for by the state, and the amount collected from the owner, operator, lessee or person in charge, as other debts are collected.

Abandoned Mines.

(64) SEC. 10. When approaching abandoned workings and when within not less than sixty feet of the same, the excavations in approaching the said workings shall not exceed eight feet in width, and there shall be constantly kept one bore hole near the center not less than twenty feet in

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advance, and one flank bore hole on each side, of not less than fifteen feet in length.

Ventilation.

(65) SEC. 11. For the purpose of ventilation the mines shall be furnished with not less than one hundred cubic feet of air per minute for each person employed in the mine, or three hundred cubic feet of air per minute for each machine, mule or other draught animal in the mine, the measurements to be made at any point of the intake airways. The amount of air shall be so distributed as to give all employes air of reasonable purity to keep the working places in a healthy condition, free from noxious gases and deleterious air, and no more than one hundred men to work on any split of air. In mines generating explosive gas of a sufficient quantity to be detected by an ordinary safety lamp, the quantity shall not be less than two hundred cubic feet of air per minute for each person and six hundred cubic feet for each machine, mule or other draught animal, and the mine shall be operated with locked safety lamps and examined by a competent person each morning before the men enter their working places.

Doors, Breakthroughs and Brattices.

(66) SEC. 12. Doors, curtains or brattices shall be placed in such places as may be designated by the mine manager. All doors set on entries, for the purpose of conducting ventilation shall be made sufficiently tight to effectually obstruct the air current. Breakthroughs shall be made every sixty feet, first breakthrough in rooms not to exceed thirty feet from entry; all breakthroughs must be not less than five feet wide at any point in said breakthrough. It shall be the duty of mine owners to close, or cause to be closed, all entry breakthroughs with air tight brattices with the exception of the one nearest the working place of the employes, or two if necessary, no obstruction of any kind to be placed in the breakthrough nearest the working place. Curtains shall not be permanently used on entries or airways without the written consent of the state inspector of coal mines.

Purity of Oil.

(67) SEC. 13. Only pure animal or vegetable oil or other means for illuminating purposes equally as safe and free from smoke or offensive odor shall be used in any coal mine in this state; and for the purpose of determining the purity of oils the state board of health shall fix a standard of purity of the said oils and establish regulations for testing the same, and when so determined and established it shall be recognized by all of the courts of this state. And in any case when any material, substance or other means of illuminating

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is used for illuminating purposes, as by this act contemplated, any refuse part thereof remaining after use which gives off any gas or offensive odor shall, by the person using it, be removed from the mine at the end of his day's work. Any person, firm or corporation, either by themselves, agents or employes selling or offering to sell for illuminating purposes in any mine in this state any adulterated or impure oil, or oil not recognized by the state board of health as suitable for illuminating purposes, or other substance to be used for illuminating purposes not equally as safe and free from smoke or offensive odor as oils contemplated by this act, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be fined not less than twenty-five dollars nor more than one hundred dollars for each offense; and any mine owner, lessee, operator or employe thereof who shall knowingly use, or any mine owner, lessee or operator who shall knowingly permit to be used for illuminating purposes in any mine in this state, any impure or adulterated oil or any oil or other means of illuminating, the use of which is forbidden by this act, shall upon conviction thereof, be fined not less than five dollars nor more than twenty-five dollars.

Regulations for Oil.

(68) SEC. 14. The oiling or greasing of cars inside of any mine is strictly prohibited, unless the place where said oil or grease is used is thoroughly cleaned at least once each working day to prevent the accumulation of waste oil or grease on the roads or in the drains at that point. Not more than two barrels of lubricating oil shall be permitted in any mine at one time, and it shall be kept in a fireproof building, cut out of solid rock, or made of masonry or concrete of sufficient thickness to insure safety in case of fire. But this shall not prevent a sufficient quantity of oil being sent in for machines.

Electricity.

(69) SEC. 15. In all coal mines in this state where electricity is or shall be used as a part of the system power or means of mining and securing the coal from said mine, the wiring shall be carefully and thoroughly insulated or protected, except trolley and negative wires, so that the person or animals coming in contact therewith shall not be injured thereby.

Gasoline Engines, Location, Approval, Hand Fire Extinguishers.

(70) SEC. 16. Where gasoline engines are used in the coal mines, the exhaust must be properly cared for, and all gasoline pumps shall be placed in such position that the fumes from the pumps will not vitiate the air or injure the health of the employes. The supply of gasoline required for

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the operation of said pump or engine shall not exceed one day's supply, and shall be taken into the mine only in sealed metal tanks, so constructed that the oil supply can be changed without pouring the oil from one tank to another. At all hoisting shafts, air shafts, escape shafts and places of exit, boiler and engine rooms, stables in mines and places where gasoline engines are used, there shall be kept ready for use at all times at least two good hand fire extinguishers, conveniently placed for immediate use when needed.

Boiler and Engine Room Location.

(71) SEC. 17. All boiler and engine rooms to be located or constructed on the surface at any mine, from and after the enactment of this act, shall be constructed of non-combustible material, except rafters, roof-boards, studding and coal bins, which shall be kept whitewashed; and in no case shall the boiler room be placed within less than sixty feet of the hoisting shaft, slope or drift, and no obstruction shall be placed between the engine room or hoisting shaft, so as to obstruct the view of the engineer.

Inflammable Buildings.

(72) SEC. 18. It shall be unlawful to erect any inflammable building within one hundred feet of the fan house, and in any building erected between fan house and hoisting shaft no explosives shall be stored.

Wash Houses.

(73) SEC. 19. For the protection of the health of the employes hereinafter mentioned, it shall be the duty of the owner, operator, lessee, superintendent of, or other person in charge of every coal mine, at the request in writing of twenty or more employes of such mine, or in event there are less than twenty men employed, then, upon the written request of one-third of the number of employes employed, to provide a suitable wash room or wash house for the use of persons employed, so that they may change their clothing before beginning work and wash themselves and change their clothing after working. Said room shall be separate from the engine or boiler room, and shall be maintained in good order, be properly lighted and heated and be provided with clean, cold and warm water.

Time for Constructing Escape Shafts or Other Exits.

(74) SEC. 20. In all mines there shall be allowed six months to make escape shafts or other means of exit, as provided by law, the time to date in all cases from hoisting of coal from main shaft, slope or drift, but not more than twenty-five persons shall be employed in such mine at any

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time until the provision of the law relating to escape shafts, or other means of exit, shall have been complied with, and after the expiration of the period above mentioned, it shall not be operated until made to conform to the provisions of law with reference to the escape shaft or other means of exit.

Two places of Egress.

(75) SEC. 21. The owner, operator, lessee or person in charge of any mine hereafter constructed and operated by shaft, or one having a slope or drift opening in which five or more persons are employed, shall construct and maintain at least two distinct openings, which in mines operated by shaft shall be separated by natural strata of not less than three hundred feet in breadth, and in mines operated by slope or drift, not less than two hundred feet in breadth, to which ingress and egress at all times shall be unobstructed to the employes and persons having occasion to use the same as escape ways or place of exit from the mine.

Escape Shafts Equipped with Stairway. How Constructed.

(76) SEC. 22. All escape shafts hereafter constructed not provided with hoisting appliances as hereinafter provided, shall have stairs at an angle of not more than forty-five degrees in ascent, nor less than eighteen inches wide in the clear, with proper, safe and substantial landing at convenient and easy distances and equipped with good and substantial hand rails or banisters. If shaft be used for an escape shaft and air shaft, that part of the shaft used as an escape way shall be divided and partitioned closely with good and substantial material from the part used as an air shaft, all of which shall be kept in a safe condition as by this act provided.

Escape Shaft Equipped with Hoisting Apparatus.

(77) SEC. 23. All escape shafts not provided with stairs shall be provided with suitable appliances for hoisting underground workmen, ready for use at all times, both day and night, while the workmen are at labor, which hoisting apparatus shall be separate and apart from the hoisting shaft, and the equipment shall include a depth indicator brake on the drum, steel or iron cage, safety catches on cages and covers on cages to securely protect any person while on the cage.

Traveling Ways. How Constructed. Sign Boards.

(78) SEC. 24. In any mine affected by this act, and every seam of coal worked therein there shall be constructed, kept and maintained, safe and accessible traveling ways from the escape ways or place of exit to main haulage roads, which shall be maintained free from falls of roof, standing water,

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or other obstructions. At all points where the passage or traveling ways to the escapement shaft or place of exit intersect other road ways or entries, conspicuous sign boards shall be placed thereat, indicating the way to such place of exit.

Escape Ways Kept Free from Foul Air, Ice and Obstructions.

(79) SEC. 25. The escape way shall be ventilated and kept free from vitiated air, accumulations of ice and obstructions of every kind; nor shall steam or heated air be discharged therein during the day time, unless an attendant be kept in charge thereof and the equipment so arranged that the steam or warm air may be readily turned off at any time when required, and a conspicuous sign board placed in plain view, indicating the point where the steam or warm air may be turned off, as by this act contemplated; and all surface or other water which flows therein, shall be conducted by rings or otherwise to receptacles for the same so as to keep the stairway reasonably free from falling water.

Lights at the Top and Opening of Shaft.

(80) SEC. 26. In all cases, after twilight, or when by reason of steam or other causes obscuring the plain view of the top or opening of any shaft, there shall be maintained a good and substantial light, but in no case shall an open light or torch be used.

Traveling Way Around Bottom of Hoisting Shaft.

(81) SEC. 27. At the bottom of each hoisting shaft there shall be constructed a safe and convenient traveling way around the shaft for employes and animals, and it shall be unlawful for any person to pass across the shaft bottom in any other manner or in any other way than the traveling way herein contemplated, except such employes as may be necessary to perform the work at the bottom of the shaft or those engaged in making repairs.

Stable Location. Construction. Not Used for Storage Purposes.

(82) SEC. 28. The owner, operator, lessee or person in charge of any mine shall not be allowed to locate any stable at a point in any mine where the air current supplied to the employes passes through such place. The materials used in the construction of the stables herein contemplated shall, as near as practicable, be incombustible, and such stables shall not be used as a place for storing, nor shall any inflammable material be stored therein, except such hay as may be necessary for one day's use, except in case of emergency.

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Places of Refuge. Signals. Lights.

(83) SEC. 29. On all single track haulage roads where haulage is done by machinery, which roads the persons employed in the mine must use, while traveling on foot to and from their work, there shall be places of refuge on one side not less than three feet in depth from the side of the car, and not less than five feet long and not less than the height of the entry as driven and not more than sixty feet apart. On rope haulage roads means of signaling shall be established between the haulage engines at all points on the road. A conspicuous light must be carried on the front of every trip or train of such cars moved by machinery. On all haulage roads on which the hauling is done by draught animals whereon men are obliged to pass to and from their work, there shall be places of refuge not less than three feet in width from the side of the car and not less than five feet long and not less than the height of the entry as driven, and not more than sixty feet apart. Refuge places shall not be required in the entries on which room necks are turned at regular intervals not exceeding sixty feet apart, which furnish required refuge places. All places of refuge must be kept clear of obstruction, except supports, and no materials shall be stored or be allowed to accumulate therein.

Means of Communications, Safety Appliances, Etc.

(84) SEC. 30. The operator or superintendent shall provide and maintain from the top to the bottom of every shaft where persons are raised or lowered, a metal tube suitably adapted to the free passage of sound, through which conversation may be held between persons at the top and bottom of said shaft, and also means of signaling from the top to the bottom thereof, and shall provide every cage used for the hoisting or lowering of persons, with a sufficient overhead covering to protect these persons when using the same, and shall provide also for each said cage a safety catch approved by the mine inspector and to be tested by drop quarterly. The said operator or superintendent shall see that flanges with sufficient clearance, when the rope is wound around the drum, to prevent the rope slipping off the drum of every engine that is used for lowering and hoisting persons to and out of the mine, are used, and also, that adequate brakes are attached to the drums: Provided, That the rope shall be left around the drum at least one and one-half times when the cage is at the bottom of the shaft. Safety gates, to be approved by the mine superintendent, shall be so placed as to prevent persons from falling into the shaft. The ropes, chains and machinery, and all its connections used for lowering or raising the employes into or out of the mines shall be kept in a safe condition and inspected once every twenty-four hours by a competent person provided by the mine

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operator for that purpose, who shall make a daily record of such inspection in a book provided for that purpose, and such machinery and the method of its inspection shall be approved by the mine inspector.

Safety in Hoisting Men.

(85) SEC. 31. Hoisting and lowering men. Every cage on which persons are carried must be fitted with iron bars or rings in proper place and sufficient number to furnish a secure hand-hold for every person permitted to ride thereon, and not more than ten persons shall be allowed to descend or ascend in any cage at one time, or such less number as may be fixed by the mine inspector. No person at any time shall be allowed to ride in the shaft or on any cage with a car, tools or other material or when such car, tools, or material is on the opposite cage, except when absolutely necessary in the performance of work in the making of repairs; and no person shall ride upon a loaded trip while in any part of the mine, except the person or persons in charge thereof. Cages on which employes are riding shall not be lifted or lowered at a rate of speed greater than four hundred feet per minute.

Competent and Sober Engineers. Duties.

(86) SEC. 32. The owner, operator or lessee or any person in charge of any mine shall not place in charge of any engine in and around the mine, any but competent and sober engineers, who shall not permit any person but those designated to handle, operate, or interfere with it or any part of the machinery, except such as may be necessary in making proper and needed repairs, and no person shall be permitted to talk to the engineer while in the performance of his duty in hoisting or lowering employes, coal or mineral. There shall be placed in plain view of the engineer while at his post of duty, at some conspicuous point, a code of signals as by this act provided, and which shall be in like manner placed at the top and bottom of the shaft, slope or drift; and it shall be the duty of the engineer at least once each day to carefully inspect all of the machinery and apparatus under his charge, and carefully note all of its parts, and if any defects appear which will endanger the life or limb of any employe in the use thereof, he shall cease operating the machinery until the defects are corrected.

Under act 100 of 1905, imposing upon the owners or operators of coal mines a positive and continuing duty to employ only competent and trustworthy engineers, it was held that the master was an insurer of the competency and trustworthiness of its engineers.—Layzell v. J. H. Somers Coal Co., 156/268. And the doctrines of fellow-servant and assumed risk do not apply, where the injury was caused by the negligence of an incompetent engineer.—Capeling v. Saginaw Coal Co., 156/437. The master is not entitled to notice of the incompetency, since by the very employment the master neglected a statutory duty.—Kleinfelt v. J. H. Somers Coal Co., 156/473.

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Code of Signals.

(87) SEC. 33. One bell: Hoist cage, stop cage when in motion.

Two bells: Lower cage.

Three bells: Hoist car of dirt.

Four bells: Men and cage ready to be hoisted; cage must always be stopped at landing on four bells.

Five bells: Hoist slowly, danger.

Notice to men at bottom coming up.—Ring four bells. After engineer gives one blast with whistle, get on cage and ring one bell to be hoisted. Engineer wanting cage while at bottom will give four blasts with whistle before moving cage.

Conveying of Explosives.

(88) SEC. 34. Blasting powder or explosives must not be taken into or out of a coal mine, or moved from place to place in a coal mine along any entry or haulway, where there are electric wires, while the power is on such wires, except when such powder or explosive is conveyed in insulated cars or packages.

Annual Report. Report of Accidents.

(89) SEC. 35. The owner, lessee, operator or person in charge of any mine shall on or before the first day of August in each year, send to the office of the inspector, upon blanks furnished by the state, a correct return with respect to the year ending July first of each year, the quantity of coal mined and the number of persons ordinarily employed in, at and around such mine, designating the number of persons below and above ground. In all cases the owner, operator, lessee or person in charge of any coal mine in this state, upon the happening of any accident by which injury occurs to any of the employes above or below ground, shall immediately report the same to the mine inspector, which report shall contain a detailed statement of the extent of the accident, and the manner in which it occurred, which report shall conform to the standard form of reports as provided by the mine inspector in such cases.

Stretchers, Blankets and Bandages.

(90) SEC. 36. The owner, operator, lessee or person in charge of any mine shall at all times keep in readiness for use in case of accident and at the mine at some convenient place, one good and substantial stretcher for each one hundred employes engaged in the operation of the mine, and proper and sufficient woolen blankets for each stretcher, together with a sufficient and reasonable supply of bandages.

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Caps, Timber and Props.

(91) SEC. 37. The owner, agent or operator of any and all coal mines shall keep a supply of timber constantly on hand of sufficient length to be used as props and cap pieces, and the same shall be promptly delivered to the miner at his respective place of work, as he may designate in writing, on blanks to be furnished by the operator.

Duties of Mine Foreman, or Pit Boss.

(92) SEC. 38. It shall be the duty of the mine foreman, or pit boss in charge of any mine or part thereof, to make careful inspection of the working places in the mine two times each week by himself or assistant, and at any such other time as in his judgment may be required. He shall give such directions and formulate such rules for the guidance of the men employed in the mine, as skillful and safe operation of the mine may require. He shall see that the miners are supplied with props, when ordered by the miner, of proper length, caps and other timbers necessary to securely prop the roof of such mine and the rooms wherein the men are employed, and such material shall be delivered to their working places. He shall keep a careful watch over the ventilating apparatus and air ways, together with all of the stoppings, doors and other means of directing the air current. He shall examine the escape shaft, man-way, the traveling ways leading thereto from the main entries, or cause them to be examined by a competent person, once each day, and a written report of the conditions of such shaft, man-way and traveling ways shall be made and filed in the office at that mine, which shall be open for examination at all reasonable times to the representatives of the employes and such other persons entitled thereto. A copy of such report shall be sent each month to the mine inspector. If he finds the conditions of the escape shaft, man-way or traveling ways impassable or dangerous, he shall immediately upon the discovery of the defect, place such instructions at the defective place as may be reasonably necessary to apprise the employes of the danger.

Caution as to Property. Doors, Etc.

(93) SEC. 39. No workman or other person shall knowingly injure a water-gauge, barometer, air-course, brattice, equipment or machinery, obstruct or throw open any air way, disturb any part of the machinery connected with the mine; open a door of a mine and neglect to close it, endanger the mine or those working therein; disobey any order given in pursuance of law, or do a wilful act whereby the life of persons working therein or the security of the mine or the machinery connected therewith may be endangered; and it

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shall be unlawful for any workman or person to place any refuse material or any obstruction in any part of the air-course or any part of the breakthrough, entries or rooms other than as by this act provided.

Blasting in Mines.

(94) SEC. 40. When the time for blasting arrives, blasting shall be in rotation, beginning at the innermost working place in each entry. Immediately upon lighting blast, miners must notify the succeding miners by shouting the word "fire."

Riding Loaded Cars.

(95) SEC. 41. It shall be unlawful for any employe, except employes in charge of such trip, to ride on any loaded trip of cars.

Intoxicants.

(96) SEC. 42. No person shall go into, at, or around a mine, or the buildings, tracks or machinery connected therewith, while under the influence of intoxicants. No person shall use, carry or have in his possession, at, in, or around a mine, or the buildings, tracks or machinery connected therewith, any intoxicants.

Shall Prop Roof, Etc.

(97) SEC. 43. Each miner, or other person employed in the mine, shall securely prop the roof of the working place therein under his control, and shall obey any reasonable order, or orders, given by the superintendent or mine foreman relating to the security of the mine in the part thereof where he is at work. Such miner or other person, shall not be held to have violated the provisions of this clause if the owner, lessee or agent fails to supply the necessary props, caps and timbers as provided for in this act.

Shall not Waste, Props, Etc.

(98) SEC. 44. Each miner, or other person shall avoid waste of props, caps, timber or other material. When he has props, caps, timber or other material unsuited for his purpose, he shall not cover up or destroy same, but shall place it near the track where it can be readily seen, and it must immediately be removed by the operator upon request of the miner.

Intent to Defraud.

(99) SEC. 45. No person shall erase or change a mark of reference or monument made in connection with measurements; change the checks or cars; wrongfully check a car,

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or do any act with intent to defraud, and operator shall place stamp mark at end of each measurement in narrow work.

Sanitary Conditions.

(100) SEC. 46. For the purpose of observing the best sanitary conditions possible in the mines of this state, no employe therein shall use any portion of the mine excavations as a water closet that is not at least twenty-five feet from any air current.

Penalty.

(101) SEC. 47. Any person, firm or corporation violating any of the provisions of this act shall be guilty of a misdemeanor, and upon conviction shall be fined not less than ten dollars nor more than one hundred dollars, or be imprisoned in the county jail not exceeding thirty days, or both at the discretion of the court.

Sec. 48 repeals "all acts or parts of acts inconsistent with this act."

An Act to provide for the election of inspectors of mines in certain cases and the appointment of their deputies, for the appointment of such inspectors of mines and their deputies until the election and qualification of the first inspectors of mines, to prescribe their powers and duties, and to provide for their compensation, and to repeal act number two hundred thirteen of the public acts of eighteen hundred eighty-seven.

[Act 163, P. A. 1911.]

The People of the State of Michigan enact:

Inspector of mines, election of.

(102) SECTION 1. There shall be elected at the general election in the year nineteen hundred twelve, and at every general election thereafter an inspector of mines for the term of two years in any county within this state where there are iron or copper mines situated and working, some suitable person who is a citizen of this state, who can read and write the English language, and who has had at least ten years' actual experience in mining, timbering and general underground work, or a person holding the degree of mining engineer, or an equivalent degree, and who shall have practiced his profession as such engineer for at least two years.

Supervisors to appoint.

(103) SEC. 2. Until the election and qualification of the first inspector of mines to be elected as provided by this act, the inspector of mines and the deputy inspectors heretofore appointed by any board of supervisors shall continue to serve until their terms of office have expired, and such board of supervisors where there are iron or copper mines situated

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and working is hereby authorized and directed to appoint their successors and to remove the same or any one thereof whenever in its judgment the best interests of owners and employes may so require, and to fill vacancies arising from any other cause than removal, but no such inspectors of mines or deputy inspectors appointed by or serving under any appointment of any board of supervisors shall hold office beyond the first day of January succeeding the election of the first inspectors of mines to be elected as provided by this act. Such inspectors of mines and deputy inspectors heretofore appointed or to be appointed by any board of supervisors, shall perform all of the duties of inspector of mines and deputy inspectors of mines until the election and qualification of the first inspectors of mines to be elected as herein provided.

Term of office.

(104) SEC. 3. The regular terms of office of the inspectors of mines to be so elected shall commence on the first day of January succeeding their election.

Governor to fill vacancies.

(105) SEC. 4. In case of any vacancy in the office of the inspector of mines, the governor shall by writing under his hand appoint some suitable person who is possessed of the same qualifications as the officers provided for in section one, to perform for the time being the duties required by law to be performed by such inspector.

Bonds.

(106) SEC. 5. The inspector of mines when so elected shall give bonds in the sum of five thousand dollars, with good and sufficient sureties to be approved by the circuit judge or judge of probate of the county in which such inspector shall be elected for the faithful performance of his duties, which said bond shall be payable to the people of this state and shall be filed with the clerk of the county where he is so elected.

Deputy inspectors.

(107) SEC. 6. The inspector of mines when so elected may appoint one or more deputy inspectors, not exceeding three, as in his judgment may be necessary for the purpose of discharging the duties hereinafter prescribed, and may revoke such appointments at his pleasure. Any and all such deputy inspectors in any county shall be under the supervision of the inspector of mines, and their duties shall be prescribed by him.

Compensation.

(108) SEC. 7. The board of supervisors in each county where an inspector of mines is so elected or appointed shall fix the compensation of such inspector and his deputy or deputies, and provide for the payment of the same: Provided, That the compensation of the inspector of mines shall not be less than five dollars per day, and that of the deputy inspectors shall not be less than three dollars and fifty cents per day for each day actually employed in the performance of their official duties.

Proviso.

Duties.

(109) SEC. 8. The duties of the mine inspector shall be to visit all the working mines of his county once in every sixty days, and oftener if in his judgment necessary, and

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closely inspect the mines so visited, and condemn all such places where he shall find that the employes are in danger from any cause, whether resulting from careless mining or defective machinery or appliances or improper or unsafe methods of any nature; he shall compel the erection of a partition between all shafts where hoisting of ore is performed and where there are ladder ways, where men must ascend and descend going to and from their work. In case the mine inspector shall find that a place is dangerous from any cause as aforesaid, it shall be his duty immediately to order the men engaged in work at the said place to quit work, and he shall notify the superintendent, agent or person in charge to secure the place from the existing danger, which said notification or order shall be in writing and shall clearly define the limits of the dangerous place and specify the work to be done or change to be made to render the same secure, ordinary mine risks excepted. It shall also be the duty of the mine inspector to command the person, persons or corporation working any mine, or the agent, superintendent, foreman or other person having immediate charge of the working of any mine, to furnish all shafts and open pits of such mine with some secure safeguard at the top of the shaft or open pit so as to guard against accident by persons falling therein or by material falling down the same, also a covering on all the carriages on which persons ascend or descend up and down the shaft, if in his judgment it shall be practicable and necessary for the purpose of safety: Provided, That when any mine is idle or abandoned it shall be the duty of the mine inspector to notify the person, persons or corporation owning the land on which any such mine is situated, or the agent of such owner or owners, to erect and maintain around all the shafts and open pits of such mine a fence or railing suitable to prevent persons or domestic animals from accidentally falling into said shafts or open pits. Said notice shall be in writing and shall be served upon such owner, owners or agent, personally or by leaving a copy at the residence of any such owner or agent, if they or any of them reside in the county where such mine is situated, and if such owner, owners or agents are none of them residents of the county such notice may be given by publishing the same in one or more newspapers printed and circulated in said county if there be one, and by registered letter, and if no newspaper be published in said county then in a newspaper published in some adjoining county for a period of three consecutive weeks. If such owner, owners or agent shall not, within thirty days after receiving such notice or within thirty days after the completion of said publication, erect such suitable fences or railings as above provided, it shall be the duty of the mine inspector to cause such suitable fences or railings to be erected and to make a return of his doings in the case,

When to order men to quit work.

To order safeguards.

Proviso, protection of abandoned mines.

Notice.

When mine inspector to erect railings, etc.

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with the description of the land or lands on which such shafts and open pits are located, together with an itemized statement of the actual expenses incurred in such case on each description of land, to the county clerk of the county, which return and statement shall be verified by the affidavit of the mine inspector. All expenses incurred under the provisions of this section shall be audited by the board of supervisors of the county, and all sums allowed by such board for such expenses shall be paid from the general fund of the county. The county clerk shall certify to the board of supervisors at its annual meeting in each year the amount of expense incurred under the provisions of this section during the preceding year and the amount belonging to each and every description of land on which any such mines are situated, and said amount shall be certified to the supervisors of the proper townships in the same manner as county taxes are certified to said supervisors, and the amount of the expense incurred as above on each description shall be assessed by said supervisors upon the said description upon their assessment rolls for that year in a separate column, and shall be collected in the same manner as county taxes, and when so collected paid into the general fund of the county.

Expenses, how paid.

Assessment of tax for expenses.

Liability of corporation.

(110) SEC. 9. If any man or men are allowed to continue work in any place condemned by the mine inspector, except to do the work required to be done to insure safety before said place has received the necessary changes to secure the safety, ordinary risks of mining excepted, of the laborers engaged therein, the person, persons or corporation operating said mine shall be liable for all accidents causing injuries or death to employes working in or about such place, until the order referred to in the preceding section shall have been complied with or revoked.

Duty of corporation, etc., when visited by inspector.

(111) SEC. 10. It shall be the duty of the person, persons or corporation, or the superintendents or agents of the same, when the mine inspector arrives at any mine on his official business, to furnish for his inspection all maps, drawings and plans of the mine, together with plans of all contemplated changes in the manner of working the mine or any part thereof; to furnish him with such suitable person or persons as he may desire to accompany him through the mine or any part thereof; and also to furnish him with suitable ladders and other necessary appliances to make a proper inspection; and should they or any of them neglect or refuse to comply with any of the provisions of this section, such refusal or neglect shall be punished by a fine of not less than one hundred nor more than five hundred dollars for each and every offense.

Salaries and mileage.

(112) SEC. 11. The salaries for the mine inspector, and the assistants so elected shall be paid out of the treasury of the county in which they serve on vouchers similar to those used by other county officials, and in addition thereto

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they shall be entitled to mileage at the rate of four cents per mile for the actual distance traveled while on official business.

Am. 1913, Act 158.

(113) SEC. 12. When any person working in any mine or place where mining is done shall notify the mine inspector or deputy inspector either verbally or in writing that the services of the mine inspector are needed, he shall immediately make inspection, or send any one of his assistants to do so. Such notice shall be forever privileged in any court either civil or criminal. Any inspector or deputy inspector who shall divulge the name of any person or persons giving any such notice shall be punished by a fine of not less than one hundred nor more than five hundred dollars. Inspection, when made.

(114) SEC. 13. It shall be the duty of each of the inspectors of mines appointed or elected under this act to make and file with the clerk of the county for which he was appointed or elected, at least ten days before the time fixed by law for the annual autumn meeting of the board of supervisors, an annual report with a duplicate copy to the commissioner of labor of his acts and proceedings under this act, specifying among other things the number of mine accidents occurring during the preceding year causing either death or injury to persons, giving the name of the mine where and the circumstances surrounding said accidents, and so classifying said accidents to show what occurred through the fault or negligence of employers and those occurring through the fault or negligence of employes, and giving the results of inquests if any have been held in case of accidents causing death. Annual report. What to specify.

Section 14 repeals Act 213, of 1887, and all other acts and parts of acts in anywise contravening the provisions of this act.

SECTION II—STEAM VESSELS.

An Act regulating steam vessels and vessels operated by machinery, navigating the waters within the jurisdiction of this state, excepting vessels which are subject to inspection under the laws of the United States, and providing penalties for the violation hereof, and to declare waters navigated by such vessels public and navigable waters of the state of Michigan. (a)

[Act 113, P. A. 1909.]

The People of the State of Michigan enact:

(115) SECTION 1. The commissioner of labor shall be charged with the administration of the provisions of this act, shall employ an inspector who shall have had at least five Inspector, qualifications.

(a) Title amended 1911, Act 69.

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years' experience as a licensed master or engineer on steam vessels navigating the Great Lakes or any of their tributary waters, and who shall be otherwise properly qualified to enable the commissioner of labor to carry said provisions into effect, and shall exercise supervision over him in the performance of his duties.

Steam vessels, etc., inspection of.

(116) SEC. 2. The commissioner of labor shall annually or oftener if he has good cause to believe it reasonable, inspect or cause to be inspected every steam vessel or other vessel operated by machinery engaged in carrying passengers for hire, directly or indirectly, excepting vessels which are subject to inspection under the laws of the United States, examine carefully her hull, boats and other equipment, examine her engine and boilers, ascertain how long it will be safe to use the same, determine the pressure of steam to be allowed and so regulate the fusible plugs, safety valves and steam cocks as to insure safety, and he may require such changes, repairs and improvements to be adopted and used as he may deem expedient for the contemplated route. He shall also fix the number of passengers that may be transported. He shall also, whenever he deems it expedient, visit any vessel licensed under this act, and examine into her condition for the purpose of ascertaining whether or not any party thereon having a certificate from him has conformed to and obeyed the condition of such certificate and the provisions of this act. The owner, master, pilot, captain or engineer of such vessel shall answer all reasonable questions, and shall give all the information in his or their power in regard to said vessel, her machinery and the manner of managing the same. In case of damage by fire or by explosion, collision or stranding, or by means of an electrical apparatus, he may investigate the cause thereof, and if found by him to have been occasioned by a violation of any of the provisions of this act or of the orders, regulations and requirements issued by him, he shall so certify to the prosecuting attorney of the county where such violation occurred, together with the names of the persons guilty thereof and the witnesses. All waters navigated by vessels subject to the provisions of this act are hereby declared to be public and navigable waters, subject to the jurisdiction of the state of Michigan.

Waters navigable.

Am. 1911, Act 69.

Boilers, testing of.

(117) SEC. 3. The commissioner shall also test the boilers of all steam vessels carrying passengers for hire before the same shall be used, and at least once in every year thereafter. In subjecting to the hydrostatic test boilers called and usually known under the designation of high pressure boilers, the hydrostatic pressure applied must be in proportion of one hundred fifty pounds to the square inch to one hundred pounds to the square inch of the steam pressure allowed.

High pressure.

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In subjecting to the hydrostatic test that class of boilers usually designated and known as low pressure boilers, the commissioner shall allow as the working power of each new boiler a pressure of only three-fourths the number of pounds to the square inch, to which it shall have been subjected by the hydrostatic test and found to be sufficient therefor; but should said commissioner be of the opinion that such boiler by reason of its construction or material will not safely allow so high a working pressure he may, for reasons specifically stated in his certificate, fix the working pressure of such boiler at less than three-fourths of said test pressure; and no boiler or pipe or any of the connections therewith shall be approved, which is made in whole or in part of bad material or is unsafe in its form or dangerous from defective workmanship, age, use or other cause. In addition to the hydrostatic test as herein provided, the commissioner may cause a hammer test to be made and an internal examination of such boiler or boilers so tested, whenever deemed necessary. Any boiler having been in use ten years or more may be drilled at the bottom of shell or boiler, and also at such other points as the inspectors may direct, to determine the thickness of such material at those points, and the general condition of such boiler or boilers at the time of inspection and the steam pressure allowed shall be determined by such ascertained thickness and general condition of the boiler. He shall also see that all connections to the said boiler or engines are of suitable material, size and construction, and that the boiler, machinery and appurtenances are such as may be employed with safety in the service to be performed. He shall also satisfy himself that the safety valves are of suitable dimensions and that the weights of the same are properly adjusted so as to allow no greater pressure than the maximum amount prescribed by him, and that there is a sufficient number of gauge cocks, properly attached to the boiler so as to indicate the quantity of water therein, and suitable steam gauges to correctly show the amount of steam carried, and as to any other matter connected with such steam vessel or the machinery thereof that to said commissioner shall seem necessary to the safety of her passengers and crew, and he shall make such inspection, examination and test of naphtha launches and electric or gasoline launches and their apparatus and machinery as will enable him to determine whether they can safely be used in navigation.

Low pressure.

Bad material.

Hammer test.

Drilling to test thickness.

Connections.

Safety valves.

Gauge cocks, etc.

Naphtha, electric or gasoline launches.

(118) SEC. 4. The commissioner, if satisfied that such vessel is in all respects safe and conforms to the requirements of this act, shall make and subscribe duplicate certificates, setting forth the age of the vessel, the length, breadth and depth, the date of the inspection, the name of the vessel, the name of the owner, the master, the number of licensed officers and crew which he deems necessary to manage the vessel with safety, the number of boats and life preservers re-

Certificates, what to contain.

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quired and the number of passengers that she can safely carry, and if a steam vessel, the age of the boiler and the pressure of steam she is authorized to carry. One of such certificates shall be kept posted in some conspicuous place on the vessel if practicable, or kept in some convenient place on the vessel to be designated by the commissioner in the certificate, accessible to any one demanding it, and the other copy shall be kept by the commissioner and by him recorded in a book to be kept for that purpose. If the commissioner refuse to grant a certificate of approval, he shall make a statement in writing, giving his reasons for such refusal, and deliver the same to the owner or master of the vessel.

Where kept.

Am. 1911, Act 69.

Passengers, number of.

(119) SEC. 5. No greater number of passengers shall be transported upon any licensed steam vessel or other vessel included within the provisions of this act than the number allowed in the certificate of such vessel.

Am. Id.

Shielding of woodwork about boilers.

(120) SEC. 6. All steamboats and other vessels to which this act is applicable shall hereafter be so constructed that the woodwork about the boilers, chimneys, fire-boxes, cook-houses, stove and steam pipes or any machinery or apparatus involving danger of fire, where such woodwork is exposed to ignition shall be so shielded by some incombustible material that the air may circulate freely between such material and woodwork or other ignitable substances, and before granting a certificate of inspection the commissioner shall require that all other necessary provisions be made throughout such vessel as he may judge expedient to guard against loss or damage by fire.

Stairways, etc.

(121) SEC. 7. Every vessel engaged in carrying passengers for hire shall be provided with permanent stairways and other sufficient means convenient for passing from one deck to the other, with gangways large enough to allow persons freely to pass, which shall be open fore and aft of the length of the vessel, and to and along the guards, and shall be kept unobstructed.

Am. 1911, Act 69.

Navigation rules.

(122) SEC. 8. From and after the passage of this act the following rules shall be observed in navigating all steam vessels when under steam and all boats propelled by machinery on the waters within the jurisdiction of the state, excepting the waters which are under the jurisdiction of the United States:

Meeting end on.

First, When two steamboats are meeting end on, or nearly end on, so as to involve risk of collision, each shall alter her course to starboard, so that each may pass on the

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port side of the other after exchanging signals of one blast of the whistle;

Second, When two steam vessels are crossing so as to involve risk of collision, the vessel which has the other on her own starboard side shall keep out of the way of the other; Two vessels crossing.

Third, When a steam vessel and a sailing vessel are proceeding in such directions as to involve risk of collision, the steam vessel shall keep out of the way of the sailing vessel; Sailing vessels may keep course.

Fourth, When by any of these rules one of two vessels is to keep out of the way the other shall keep her course and speed; Idem.

Fifth, Every vessel under steam when approaching another steamboat or small boat or vessel of any kind so as to involve the risk of collision, shall slacken her speed, or if necessary shall stop and reverse her engine, and every vessel under steam shall when in a fog go at a moderate speed; Slack speed when approaching. Fogs.

Sixth, Any steam vessel overtaking another steam vessel shall keep out of the way of the last mentioned steam vessel; Steam vessel overtaking another.

Seventh, When two steam vessels are going in the same direction the stern steam vessel wishing to pass the other shall signal the forward steam vessel of her intention to pass on the port side by two distinct whistles, and to pass on her starboard side by one distinct whistle which shall be answered by the forward steam vessel with the same number of whistles, and the forward steam vessel shall keep on her course as though no signal had been given; Signals when passing.

Eighth, Steamboats approaching each other shall, at not less than one hundred yards distance between each other, give a signal with one loud distinct whistle; Steamboats approaching each other.

Ninth, When two steamboats are approaching each other, and, if the course of such steamboats is so far on the starboard side of each as not to be considered by the pilots as meeting end on or nearly so, or if the steamboats are approaching each other in such manner that passing to the right as in rule one is deemed unsafe by the pilot of either steamboat, the pilot so first deciding shall give two short and distinct blasts on his steam whistle, which the pilot of the other steamboat shall answer promptly by two blasts of his steam whistle, and they shall pass to the left on the starboard side of each other; When may pass to the left.

Tenth, When two steamboats are approaching each other and the pilot of either steamboat fails to understand the course or intention of the other, whether from the signals being given or answered erroneously or from other cause, the pilot so in doubt shall immediately signify the same by giving several short and rapid blasts of the steam whistle and if the boats shall have approached within one hundred yards of each other, both shall be immediately slowed to a speed barely sufficient for steerage way until the proper signals are given, answered and understood or until the boats have passed each other; When pilot fails to understand course, etc.

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Duty of pilot in fog or thick weather.

Eleventh, When a steamboat is running in a fog or thick weather it shall be the duty of the pilot to cause a long blast of the steam whistle to be sounded at intervals not exceeding one minute;

Signals of distress.

Twelfth, Signals of distress shall be four distinct blasts of the whistle and shall be recognized by the master of any steamboat hearing the same, and he shall render such assistance as is in his power;

Regard in construing provisions.

Thirteenth, In construing these provisions due regard must be had to all the dangers of navigation and to any special circumstances which may exist rendering a departure therefrom necessary in order to avoid immediate danger;

Steam or sailing vessels, what considered.

Fourteenth, Every steam vessel which is under sail and not under steam is to be considered a sailing vessel, and every vessel under steam or otherwise propelled by machinery, whether under sail or not, is to be considered a steam vessel;

Vessels to have whistle.

Fifteenth, Every vessel not a steam vessel shall be provided with a suitable whistle with which to give the signals provided for in this section;

Act not to extend to certain boats.

Sixteenth, Nothing in this act shall be construed to extend to any boat or lighter not being masted, or if masted and not decked, employed in the harbor of any town or city;

Steamboats to obey rules, etc.

Seventeenth, All steamboats licensed under the provisions of this act shall conform to and obey such other rules and regulations as the commissioner may prescribe, not inconsistent herewith;

Commissioner, etc., may make further rules.

Eighteenth, The commissioner and the inspectors provided for in this act are authorized to make further rules and regulations applying generally to all steamboats or especially to one or more of them, and on framing rules for the government of managers and employes of boats, the commissioner shall as far as practicable be governed by the general rules and regulations prescribed by the United States board of supervising inspectors of steam vessels;

Copies of section framed.

Nineteenth, Every steam vessel or other vessel propelled by machinery, carrying passengers for hire on the waters within the jurisdiction of this state, shall have two copies of this section framed, one to be conveniently placed for the government of the pilot, and the other to be hung in a conspicuous place on the boat for the inspection of the passengers.

Lights.

(123) SEC. 9. The master of every steamboat or vessel propelled by machinery when navigating between sunset and sunrise, shall cause the same to carry the following lights:

White light.

First. At the foremast head a bright white light of such a character as to be visible on a dark night with a clear atmosphere at a distance of at least two miles; and be so constructed as to show a uniform and unbroken light over an arc of the horizon of twenty points of the compass, and to be so fixed as to throw the light ten points on each side of the vessel from right ahead to two points abaft the beam on either side;

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Second. On the starboard side a green light of such a character as to be visible on a dark night with a clear atmosphere at a distance of at least two miles; and be so constructed as to show a uniform and unbroken light over an arc of the horizon of ten points of the compass, and to be so fixed as to throw the light from right ahead to two points abaft the beam on the starboard side; Green light.

Third. On the port side a red light of such a character as to be visible on a dark night with a clear atmosphere, at a distance of at least two miles; and to be so constructed as to show a uniform and unbroken light over an arc of the horizon of ten points of the compass, and to be so fixed as to throw the light from right ahead to two points abaft the beam on the port side. The green and red lights shall be fitted with inboard screens projecting at least thirty inches forward from the lights, so far as to prevent them from being seen across the bow: Provided, That boats having no superstructure may use combination lights; Red light. Proviso.

Fourth. All boats not propelled by machinery shall carry a white light visible on a dark night with a clear atmosphere over the entire horizon when used upon waters where motor boats are being used. Boats not propelled by machinery.

Am. 1911, Act 69.

(124) SEC. 10. Every steam vessel permitted by her certificate to carry two hundred passengers or upwards shall be provided with a good steam fire pump or other equivalent apparatus for throwing water, the same to be at all times during the navigation of such vessel kept ready for immediate use, having at least one hundred feet of hose of suitable size and of sufficient strength to stand a pressure of at least seventy-five pounds to the square inch. Steam fire pumps and hose.

(125) SEC. 11. Every ferry boat propelled by steam or electricity shall be provided with at least one substantial boat fifteen feet or more in length, properly supplied with oars and kept tight and in good condition at all times and so attached to such ferry boat that it may in case of need be launched into the water for immediate use. Every steamboat or vessel propelled by machinery and carrying passengers for hire, directly or indirectly, shall be provided, if of the measurement of two hundred fifty and less than five hundred tons burden, with at least two substantial row boats with life lines attached and properly supplied with oars and kept tight and in good condition at all times, and so attached as to be capable of being launched into the water for immediate use in case of need; and if of the measurement of five hundred tons or more, with at least one first-class life boat and one row boat twenty-five feet long by seven wide, capable of carrying or supporting fifty persons each, and at least one row boat of the usual size and construction, all to be properly supplied with oars and kept tight and in good condition at all times Ferry boats, certain, to carry row boat. Two row boats with life lines. One life boat and one row boat.

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and so attached as to be capable of being launched into the water for immediate use in case of need. Every such vessel may also be required to carry such other boats as the commissioner on account of the route or the number of passengers shall deem requisite, and the master of such vessel shall exercise and discipline his crew in the launching, use and management of the boat until they become skillful boatmen.

Master to exercise and discipline crew.

Life preserver or float for each passenger, etc.

Buoyancy.

(126) SEC. 12. Every steam vessel or vessel propelled by machinery used in the transportation of passengers for hire shall have a life preserver or life float for each passenger she is allowed to carry and for each member of her crew. At least one-half thereof shall be life preservers of a buoyancy not less than eighteen pounds, and the other half or part thereof may be life floats to be constructed of dry pine plank four feet long, two inches thick and twelve inches wide, with lines properly attached in such manner as to be convenient for use; and it shall be the duty of the commissioner to satisfactorily ascertain that every life preserver and such life floats are as herein required. Such life preservers and life floats shall be kept in convenient accessible places in such vessel in readiness for immediate use in case of accident, and the places where the same are to be kept shall be designated in the commissioner's certificate and also pointed out by printed notices posted in such places as the commissioner directs. Every such vessel shall carry in convenient places at least ten buckets with dip lines attached, and three axes in good condition, but the inspectors may if they deem it necessary or proper require a larger, or in case of very small vessels, permit a smaller number of buckets and axes.

Buckets and axes.

Misdemeanor, what deemed.

Penalty.

(127) SEC. 13. Whoever intentionally loads or obstructs or causes to be loaded or obstructed in any way the safety valve of the boiler, or employs any other means or device whereby the boiler may be subjected to a greater pressure than the amount allowed by the commissioner's certificate, or intentionally deranges or hinders the operation of any machinery or device employed to denote the stage of the water or steam in any boiler, or to give warning of any approaching danger, or intentionally permits the water to fall below the prescribed low water limit of the boiler, shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than five hundred dollars, or by imprisonment for a term of not exceeding three years, or both in the discretion of the court having jurisdiction. If in the opinion of the commissioner of labor or inspector it is necessary to do so, the safety valve may be taken wholly from the control of all persons engaged in navigating such vessel and secured at the expense of the owner of the vessel by the commissioner.

Am. 1911, Act 69.

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(128) SEC. 14. Every person employed as master, pilot or engineer on board of a steam vessel or a vessel propelled by machinery, carrying passengers for hire shall, unless holding a license issued by a United States board of inspectors covering the class of vessels on which he is employed, be examined by the commissioner as to his qualifications, and if satisfied therewith he shall grant him a license for the term of one year for such boat, boats or class of boats as said commissioner may specify in such license. In a proper case the license may permit and specify that the master may act as pilot, and in case of small vessels also as engineer and pilot. The license shall be framed under glass and posted in some conspicuous place on the vessel on which he may act. Where it is impracticable to keep such license so posted it shall be kept on board accessible to any person demanding it. Whoever acts as master, pilot or engineer, without having first received such license, or upon a boat or class of boats not specified in his license, or owner, lessee or agent employing him, shall be liable to a penalty of fifty dollars for each day that he so acts, except as in this act otherwise specified, and such license may be revoked by the commissioner for intemperance, incompetency or wilful violation of duty.

Master, pilot, etc., granting of license to.

License, framing and posting of.

Master, etc., without license.

Per diem penalty.

(129) SEC. 15. No licensed vessel carrying passengers for hire shall be allowed to use in lamps, lanterns or other lights on such vessel, any oil which will not stand a fire test of at least one hundred twenty degrees Fahrenheit.

Oil test for lamps.

(130) SEC. 16. Every vessel subject to the provisions of this act shall have her name and the port to which she belongs painted on her stern on a black background in white, yellow or gilt letters or on a white background in black, yellow or gilt letters of not less than three inches in length. The commissioner may, however, in the case of small vessels, permit such names to be placed elsewhere and in letters of less length.

Name, etc., on stern.

Am. 1911, Act 69.

(131) SEC. 17. No vessel carrying passengers for hire shall receive or discharge passengers by any method or means whereby any risk of drowning or other accident might be incurred, and the inspector shall prescribe such regulations, approved by the commissioner of labor as will make the receiving and discharging of passengers safe and convenient.

Receiving and discharging passengers.

(132) SEC. 18. No loose hay, camphene, nitroglycerine, naphtha, benzine, benzole, coal oil, crude petroleum or other like explosives, burning fluids or dangerous articles, shall be carried as freight or used in stoves on any steamer or vessel licensed to carry passengers under this act, except that refined petroleum which will not ignite at a temperature of less than one hundred twenty degrees Fahrenheit may be carried on the main deck of any vessel: Provided, The barrels or cases containing such oil are fully provided with a

Explosives, etc., not to carry.

Petroleum.

Proviso.

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Petroleum for fuel.

tarpaulin. Nothing in this section provided shall be construed to prevent any vessel of twenty tons burden or under which uses petroleum for fuel from carrying sufficient petroleum with which to replenish the fires and properly equip such vessel for use; said petroleum to be carried in metal cans or tanks, which shall be properly protected by a covering of wood or other substance which would equally protect from accident, and be approved by said commissioner, and to be conveyed from said cans or tanks to said fires through metal pipes.

Steam, unsafe quantity.

(133) SEC. 19. No master, engineer or other person having charge of the boiler or apparatus for the generation of steam of any steamboat or vessel carrying passengers for hire, shall create or allow to be created any undue or unsafe quantity of steam in order to increase the speed of such boat or to excel another boat in speed. Any person violating the provisions of this section shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not more than five hundred dollars, or by imprisonment for a term of not exceeding three years, or both in the discretion of the court having jurisdiction.

Penalty.

Am. 1911, Act 69.

Misdemeanor, penalty.

(134) SEC. 20. Every master, engineer or pilot who shall violate any of the provisions of this act shall be guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than twenty-five dollars nor more than two hundred fifty dollars, or by imprisonment not exceeding one year, or both in the discretion of the court having jurisdiction, unless a different penalty is prescribed.

Am. Id.

Responsibility of owner.

(135) SEC. 21. The owner of every steamboat or vessel shall be responsible for the good conduct of the master employed by him, and if any penalty incurred by such master is not paid by him and cannot be collected from him by due course of law, it may be recovered of the owner or owners jointly or severally of the steamboat or vessel in whose employ he was at the time of the incurring of such penalty, in the same manner as if such owner or owners were sureties of such master.

Act, posting of.

(136) SEC. 22. The master of every vessel carrying passengers for hire shall keep a copy of the preceding sections of this act posted in a conspicuous place on such vessel for the inspection of all persons on board thereof.

Am. 1911, Act 69.

Annual report of commissioner.

(137) SEC. 23. The commissioner shall, on or before the first day of January in each year, make a verified report to the governor, containing a detailed statement of the names and number of vessels examined and licensed, the names and

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number of vessels to which licenses were refused and stating the reasons for the refusal, the names and number of persons examined and licensed, the names and number to whom licenses were refused and stating the reasons therefor, and may include in such report any other information he may deem desirable.

Passenger carrying vessels to comply with act.

(138) SEC. 24. All steam vessels, naphtha, gasoline and electric launches, or any craft propelled by machinery carrying passengers for hire must comply with all the terms and provisions of this act, and with all orders, regulations and requirements of the commissioner. If any such vessel is navigated without complying therewith, except as herein stated or without the requisite certificates of the commissioner, the owners and masters shall forfeit to the state of Michigan the penalties prescribed in this act, and the vessel so navigated shall also be liable therefor and may be attached and proceeded against in any court having jurisdiction. If any such vessel is deprived of the services of any licensed officer without the consent, fault or collusion of the master, owner or any person interested in the vessel, the deficiency may be temporarily supplied for ten days, until a licensed officer can be obtained: Provided, That only one unlicensed officer shall be so employed at one time to supply such deficiency. If the owner or master of any vessel shall, at least twenty days before the expiration of his certificate, notify the commissioner of such expiration and request a new inspection and certificate, the certificate then expiring shall continue in force until an inspection is made and such owners and masters are not liable for any of the penalties provided in this act on account of navigating said vessel without such new certificate.

Penalty.

Licensed officer, temporary vacancy.

Proviso.

When certificate to continue in force.

Inspection fee.

(139) SEC. 25. For each inspection provided for in sections two and three of this act the owner or master of each vessel shall pay the commissioner of labor an inspection fee, which shall not be less than five dollars nor more than twenty dollars, to be fixed by the commissioner of labor with reference to the size of the vessel inspected, which size shall be ascertained by some practical method adopted by the commissioner of labor for the use of the inspector. For each license issued under section fourteen of this act the person so licensed shall pay to the commissioner of labor the sum of five dollars: Provided, That boats of twenty-five feet length or less, and six feet beam or less shall be exempt from the provisions of this section. All of the fees received from this source shall be accounted for by the commissioner of labor to the state treasurer, and credited to the general fund.

License.

Proviso, exemptions.

Fees, disposition of.

Inspector, per diem, expenses, etc.

(140) SEC. 26. The inspector provided for in this act shall receive six dollars per diem for the time actually engaged in making the inspections and examinations provided for herein, and shall be paid necessary traveling expenses when making such inspections and conducting such examina-

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tions at other than the domicile of said inspector, to be paid out of the general fund not otherwise appropriated, upon vouchers presented to the auditor general.

Inspector deputy commissioner.

(141) SEC. 27. Any inspector duly employed by the commissioner of labor for the execution of any of the provisions of this act shall be deemed to be a deputy of said commissioner for the purposes hereof.

Altering of license, penalty.

(142) SEC. 28. Every master, pilot, engineer or operator licensed under the provisions of this act, who shall change, by addition, interpolation or erasures of any kind, any certificate or license issued by the inspector referred to in this act, shall for every such offense upon conviction be punished by a fine of not more than five hundred dollars or by imprisonment for a term of not exceeding three years, or both in the discretion of the court having jurisdiction.

Inspector, when office forfeited.

(143) SEC. 29. Any inspector who upon any pretense receives any fee or reward for his services, except that which is allowed to him by law, shall forfeit his office and be otherwise punished by a fine of not more than five hundred dollars or imprisonment not more than six months, or both in the discretion of the court having jurisdiction.

Stationery, etc., who to procure.

(144) SEC. 30. The commissioner of labor shall procure for the inspectors such instruments, stationery, printing and other things necessary for his and their official use as may be required therefor under this act.

Search lights, unlawful to flash.

(145) SEC. 31. Any person who shall flash or cause to be flashed the rays of a search light into the pilot house or into the eyes of the master, pilot, engineer or operator of an approaching or passing vessel, shall be deemed guilty of a misdemeanor, and may, if he be a master, pilot, engineer or operator licensed under the provisions of this act, be further liable to have his license revoked in the discretion of the court having jurisdiction of the offense. Search lights shall not be known as navigating lights.

Penalty.

Am. 1911, Act 69. The amendatory act of 1911 contains a section numbered 31a declaring the act "immediately necessary for the protection of the public safety."

False certificate by inspector, penalty.

(146) SEC. 32. Any inspector who wilfully certifies falsely touching any vessel under the jurisdiction of this state as to her hull, accommodations, boilers, engines, machinery or their appurtenances or any of her equipments, or any matter or thing contained in any certificate signed by him, shall be punished by a fine of not more than five hundred dollars or imprisonment for not more than six months, or both in the discretion of the court having jurisdiction of the offense.

Accident, report of, to commissioner.

(147) SEC. 33. Within forty-eight hours after a vessel meets with an accident involving a loss of life or damage to property, it shall be the duty of the owner or the licensed officer in charge of such vessel to prepare a report setting forth the details of the casualty and swear to the same before an officer authorized to administer oaths generally,

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which report shall be forwarded by mail or otherwise to the commissioner of labor without delay.

Inspector to investigate violations.

(148) SEC. 34. The inspector shall investigate all violations of the provisions of this act, and for such purpose shall have the power and is hereby authorized to subpoena witnesses and compel their attendance, and he may also administer all necessary oaths to any witnesses thus summoned.

Accused may testify.

(149) SEC. 35. In all cases where the issue is the suspension or revocation of a license, the accused shall be allowed to appear by counsel and to testify in his own behalf before the inspector.

Refusal to grant license, etc.

(150) SEC. 36. Whenever the inspector refuses to grant a license to any person applying for the same, or suspends or revokes the license of any master, engineer, pilot or operator, any person deeming himself wronged by such refusal, suspension or revocation, may, within thirty days thereof on application to the commissioner of labor, have his case examined anew by such commissioner; and the inspector shall furnish to the commissioner in writing the reasons for his doings in the premises; and such commissioner shall examine the case anew, and he shall have the same powers to summon witnesses and compel their attendance and to administer oaths that are conferred on the inspector; and such witnesses shall be paid in the same manner as provided for by section thirty-seven of this act; and such commissioner may revoke, change or modify the decision of such inspector; and like proceedings may be had by any master or owner of any vessel herein required to be inspected in relation to the inspection of such vessel or her boilers, machinery or other apparatus by such inspector.

Duty of commissioner.

May modify decision.

Fees of witnesses, payment, etc.

(151) SEC. 37. The state treasurer shall pay such fees to any witness summoned as provided by the preceding section for his actual and necessary travel and attendance as shall be officially certified to upon the back of such summons by the inspector or commissioner hearing the case, not exceeding the rate allowed for fees and to witnesses for travel and attendance in any circuit court of the state.

SECTION III.—HOTELS.

An Act relating to the conduct of hotels, inns and public lodging houses.

[Act 188, P. A. 1913.]

The People of the State of Michigan enact:

Hotel defined.

(152) SECTION 1. Every building or structure kept, used or maintained as, or held out to the public to be an inn, hotel or public lodging house, shall, for the purpose of this act, be defined as a hotel, and wherever the word "hotel"

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shall occur in this act it shall be construed to mean every such structure as is described in this section.

Fire escapes.

(153) SEC. 2. Every hotel that is more than two stories high shall be equipped with an iron fire escape on the outside of the building connecting on each floor, above the first, with at least two openings, which shall be well fastened and secured with landings not less than six feet in length and three feet in width, guarded by an iron railing not less than three feet in height. Such landings shall be connected by iron stairs not less than two feet wide and with steps of not less than six inch tread and not more than eight inch rise, placed at an angle of not more than forty-five degrees and protected by a well secured hand rail on both sides and reaching to within twelve feet of the ground, with a drop ladder eighteen inches wide reaching from the lower platform to the ground. Such fire escapes shall be sufficient if a perpendicular ladder shall be used instead of the stairs, provided such iron ladder is placed at the extreme outside of the platform and at least three feet away from the wall of the building, and provided said ladder is equipped with round iron rounds not more than fifteen inches apart, except that fire-proof buildings may have inside fire escapes placed in a well, shaft, or opening which shall be built of fire-proof material and shut off from the remainder of the building by fire-proof, tight doors. The way of egress to such fire escape shall at all times be kept free and clear of all obstruction of any and every nature. Storm windows and storm doors shall be considered an obstruction for the purpose of this act, and such way of egress shall at all times be kept unlocked. There shall be posted and maintained in a conspicuous place in each hall and each guest room, except the halls and rooms on the ground floor, of such hotel, a printed notice in characters not less than two inches high calling attention to and directing the way to such fire escape.

Way of egress unobstructed.

Fire extinguishers.

(154) SEC. 3. Each and every hotel shall be provided with at least one sufficient chemical fire extinguisher for every twenty-five hundred square feet or less of floor area, which such extinguisher or extinguishers shall be placed in a convenient location in a public hallway outside of the sleeping rooms, and shall always be in condition for use.

Buildings two stories or less, how equipped.

(155) SEC. 4. Every hotel that is not over two stories in height and which is not provided with such fire escape as is described in section two hereof, shall provide in every bedroom or sleeping apartment on the second floor a manila rope at least five-eighths of an inch in diameter and knotted every eighteen inches, and of sufficient strength to sustain a weight and strain of at least five hundred pounds, and of sufficient length to reach the ground. Such rope shall be securely fastened to the joists or studdings of the building as near the windows as practicable, and shall be kept

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coiled in plain sight at all times, nor shall such rope be covered by curtains or other obstruction. Every such hotel shall provide and maintain in a conspicuous place in every bedroom or sleeping apartment above the ground floors, a printed notice calling attention to such rope and giving directions for its use.

Sanitation, drainage, etc.

(156) SEC. 5. Every hotel shall be well drained and maintained according to established sanitary principles; shall be kept clean and in a sanitary condition and free from effluvia arising from any sewer, drain, privy or other source within the control of the owner, manager, agent or other person in charge; shall be provided with water closets or privies properly screened for the separate use of males and females, which water closets or privies shall be disinfected as often as may be necessary to keep them at all times in a sanitary condition.

Rooms, how furnished.

(157) SEC. 6. Every hotel shall have and provide all toilet rooms, bath rooms and sleeping rooms with individual textile towels. Every hotel shall have and provide all beds with regulation sheets, not less than ninety inches in length. Such beds shall also be provided with sufficient number of regulation size blankets or quilts that are kept in a sanitary condition.

Violation, penalty.

(158) SEC. 7. Every owner, manager, agent or person in charge of a hotel, who shall fail to comply with any of the provisions of this act, shall be deemed guilty of a misdemeanor, and shall be fined not less than twenty-five dollars nor more than fifty dollars, or shall be imprisoned in the county jail for not less than thirty days nor more than sixty days, or both, and every day that such a hotel is carried on in violation of this act shall constitute a separate offense.

Power of commission.

(159) SEC. 8. The labor commissioner, dairy and food commissioner, insurance commissioner and the executive officer of the state board of health shall constitute a commission for the purpose of carrying into effect the provisions of this act, and same shall be delegated with the power to adopt such rules and regulations as conditions may require.

Inspectors.

(160) SEC. 9. Such commission shall delegate and confer the title of hotel inspector or deputy inspectors upon such men now operating under the supervision of the several departments constituting this commission, and in such number as the lawful enforcement of this act shall justify.

Duties.

(161) SEC. 10. It shall be the duty of the inspector and his deputies to see that all of the provisions of this act are complied with, and said inspector or the deputy for the district shall personally inspect at least once each year and at such other times as in the best judgment of the commission or the deputy the occasion demands as defined by this act.

Power.

(162) SEC. 11. Said inspector and his deputies are hereby granted police power to enter any hotel at reasonable hours to determine whether the provisions of this act are being complied with.

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Certificate, where posted.

(163) SEC. 12. If the inspector or deputy shall find after examination of any hotel that this law has been fully complied with, he shall issue a certificate to that effect to the person operating the same, and said certificate shall be kept posted up in a conspicuous place in said inspected building. Such certificate shall be prepared in blank by said commission.

False certification, penalty for.

(164) SEC. 13. Any inspector who shall wilfully certify falsely regarding any building inspected by him, and who shall issue a certificate to any person operating in any hotel when such person has not complied with the provisions of this act, shall on conviction thereof be fined not less than fifty dollars nor to exceed one hundred dollars, and may be imprisoned not to exceed ninety days in the county jail, or both at the discretion of the court, and upon conviction shall be forever disqualified to hold said office.

Hindrance of inspector, penalty for.

(165) SEC. 14. Any owner, manager, agent or person in charge of a hotel, who shall obstruct or hinder an inspector in the proper discharge of his duties under this act, shall be guilty of a misdemeanor, and upon conviction thereof, shall be fined not less than twenty-five dollars nor more than fifty dollars, or shall be imprisoned in the county jail not less than thirty days nor more than sixty days, or both.

Prosecutions.

(166) SEC. 15. It shall be the duty of the inspector, upon ascertaining by inspection or otherwise, that after sixty days from the time this act takes effect, any hotel is being carried on contrary to its provisions, to make complaint and cause the arrest of the person so violating the same; and it shall be the duty of the prosecuting attorney in such cases to prepare all necessary papers and conduct such prosecutions.

CHAPTER III.—RELATIONS OF EMPLOYERS AND EMPLOYES.

An Act to prescribe the duties and liabilities of employers and employes arising from the offer and acceptance of inducements for the performance of labor or service for hire at some point away from the home locality.

[Act 106, P. A. 1903.]

The People of the State of Michigan enact:

When to make written contract.

(167) SECTION 1. Any person, company or corporation, or any agent or officer thereof who shall induce another person, by promise of wages or other valuable consideration, to agree to work for the person, company or corporation in whose behalf the offer of inducements is made, at a point

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away from his or her home locality, shall specify in writing the terms and conditions under which the said work is to be performed, the rate of wages and how, when and where said wages are agreed to be paid, and may furnish a copy of such statement of agreement to the person so induced by the promises therein to agree to work for the person, company or corporation offering said inducements: Provided, That it shall be unlawful for any person to make a tender of inducement to go away from the home locality to work, to any child under sixteen years of age unless the written consent of the parents of such child has been first obtained, as well as the consent of the truant officer or county agent of the board of corrections and charities for the locality where said child belongs; and in case such consent is obtained and the child goes abroad under the influence of the inducements so offered, such child under sixteen years of age shall be safely returned to its home at any time when its parents shall request, in writing, such return. Any person or any agent or officer of any corporation who shall, in offering inducements to any person to work for hire at any place apart from his or her home locality, misrepresent any of the conditions of such employment as mentioned above, shall be liable to pay to the person injured by such misrepresentation, the full amount of the damage sustained and shall be further liable to the penalties provided in section three of this act.

What to specify.

Proviso as to children.

Penalty for misrepresentation.

(168) SEC. 2. Every person, who, with intent to defraud, shall accept or receive transportation provided by or at the instance or expense of his employer, from any point in this state to or in the direction of the place where he has contracted to perform labor for, or render services to such employer, or who shall knowingly, and with intent to defraud, accept or receive the benefit of any other pecuniary advancements made by or at the instance and cost of his employer, under an agreement on the part of such person to perform labor or render services in repayment of the cost of such transportation or of such other benefits, shall be deemed and adjudged guilty of a misdemeanor if he shall neglect or refuse to render services or perform labor of an equal value to the full amount paid for such transportation or other benefits, or shall neglect or refuse to pay such employer in money the amount paid therefor. The value of the services to be rendered, or labor to be performed shall be determined by the price agreed to be paid therefor by such employer under his contract with the employee. The failure or refusal of any such employee to perform such labor or to render such services in accordance with his contract, or to pay in money the amount paid for such transportation or other benefits, shall be prima facie evidence of his intent to defraud.

Penalty for fraudulently receiving transportation.

Value of services, how determined.

(169) SEC. 3. Every person found guilty of violating the provisions of this act shall be punished by a fine not exceed-

Penalty for violation of act.

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ing twenty-five dollars or by imprisonment of not less than ten nor more than sixty days.

An Act to prescribe the liability of common carrier railroad companies to their employes.

[Act 104, P. A. 1909.]

The People of the State of Michigan enact:

Liability of railroad companies.

(170) SECTION 1. Every common carrier railroad company in this state shall be liable to any of its employes, or, in case of his death, to his personal representative for the benefit of his widow and children, if any; if none, then for his parents; if none, then for his next of kin, for all damages which may result from the negligence of any such railroad company or from the negligence of any of its officers, agents or employes, or by reason of any defect or insufficiency due to the negligence of any such common carrier railroad company in its cars, engines, appliances, machinery, track, road bed, works, boats, wharves, coal docks or other equipment.

A mason's tender, employed by a railroad company to assist in constructing an addition to its roundhouse, working on a scaffold inside of the uncompleted wall, was entitled to recover for injuries caused by the negligence of a fellow-servant in constructing defective scaffolding.—Ferguson v. L. S. & M. S. Ry. Co., 169 / 260. And he was not within the exception of section 7.—Id. This act abolishes the fellow-servant rule, but does not repeal the "survival act," (C. L. 1897, § 10117), as to railroad employes.—Hablitz v. Wabash R. Co., 170 / 71. It changes the common-law rules relative to contributory negligence and permits a recovery, if the fault of plaintiff was less than that of defendant's servants.—Bruce v. M. C. R. Co., 172 / 441. This act is not an amendment of any other statute. It alters the rules of the common law with respect to a single class of employers and employes. As to others, those rules remain unaltered. No one has a vested interest in any rule of the common law and the abolishment of the fellow-servant rule is constitutional.—Sonsmith v. P. M. R. Co., 173 / 57.

Contributory negligence not to bar a recovery.

(171) SEC. 2. In all actions hereafter brought against any such common carrier railroad company under or by virtue of any of the provisions of this act to recover damages for personal injury to an employe, or where such injuries have resulted in his death, the fact that the employe may have been guilty of contributory negligence shall not bar a recovery: Provided, That the negligence of such employe was of a lesser degree than the negligence of such company, its officers, agents or employes: Provided further, That no such employe who may be injured or killed shall be held to have been guilty of contributory negligence in any case where the violation by such common carrier railroad company of any statute enacted for the safety of employes contributed to the injury of such employe, and such employe shall not be held to have assumed the risk of his employment in any case where the violation by such common carrier of

Proviso.

Further proviso.

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any statute enacted for the safety of employes contributed to the injury or death of such employe.

Under the two provisos the defense of contributory negligence and assumed risk are not available if the failure of the defendant to comply with statutory provisions for the safety or protection of employes caused the injury, or if the negligence of plaintiff was less than that of defendant.—Bruce v. M. C. R. Co., 172 / 441.

"Railroad company" defined.

(172) SEC. 3. The words "railroad company," as used in this act, shall be taken to embrace any company, association, corporation, or person managing, maintaining, operating, or in possession of a common carrier railroad in whole or in part within this state, whether as owner, contractor, lessee, mortgagee, trustee, assignee or receiver.

Street railways, being common carriers, are within the provisions of this act.—Arends v. Grand Rapids Railway Co., 172 / 448.

Employment, etc., contract of.

(173) SEC. 4. No contract of employment, insurance, relief benefit, or indemnity for injury or death entered into by or on behalf of any employe, nor the acceptance of any such insurance, relief benefit or indemnity by the person entitled thereto, shall constitute any bar or defense to any action brought to recover damages for personal injuries to, or death of such employe: Provided, however, That upon the trial of such action, the defendant may set off therein any sum it has contributed toward any such insurance, relief benefit or indemnity that may have been paid to the injured employe, or, in case of his death, to his personal representative.

Proviso.

Action, when to begin.

(174) SEC. 5. No action shall be maintained under this act unless commenced within two years from the time the cause of action accrued.

Rights not impaired.

(175) SEC. 6. Nothing in this act shall be held to limit the duty of common carrier railroad companies, or impair the rights of their employes under existing laws of the state.

Not to apply to certain employes.

(176) SEC. 7. The provisions of this act shall not apply to employes working in shops or offices.

See notes to section 1 of this act.

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CHAPTER IV.—DAY'S LABOR AND PAYMENT OF WAGES.

An Act making ten hours a legal day's work.

[Act 137, P. A. 1885.]

The People of the State of Michigan enact:

Where to apply.

Work in excess of ten hours.

(177) § 5453. SECTION 1. That in all factories, workshops, salt blocks, saw-mills, logging or lumber camps, booms or drives, mines or other places used for mechanical, manufacturing, or other purposes within the state of Michigan, where men or women are employed, ten hours per day shall constitute a legal day's work, and any proprietor, stockholder, manager, clerk, foreman, or other employers of labor who shall require any person or persons in their employ to perform more than ten hours per day, shall be compelled to pay such employes for all overtime or extra hours at the regular per diem rate, unless there be an agreement to the contrary.

Plaintiff contracted to work as night watchman in the horse barn of a street railway company, with full knowledge that it was the absolute custom and invariable rule that the employes should work as many hours as the convenience and business of the company demanded for the pay agreed on as one day's pay. His accounts were settled semi-monthly upon the basis of compensation agreed upon. Held, that he could not recover for time worked over ten hours per day.—Bartlett v. Street Ry. Co., 82 / 658. This statute was not intended to apply to work which of necessity is fluctuating and irregular in amount like the taking, finishing and retouching of photographs, or to service or employment under a hiring by the week, month or year.—Schurr v. Savigny, 85 / 147.

When not otherwise expressly mentioned ten hours to be day's work.

(178) § 5454. SEC. 2. That in all contracts, engagements, or agreements to labor in any mechanical, manufacturing, or other labor calling, where such contracts or agreements are silent, or no express conditions specified, ten hours shall constitute a day's work, and the contract or agreement shall be so construed.

What to be considered a misdemeanor.

Penalty.

Duty of prosecuting attorney.

(179) § 5455. SEC. 3. Any individual, firm, agent of any corporation, or other employers of labor who shall take any unlawful advantage of any person or persons in their employ, or seeking employment, because of their poverty or misfortune, to invalidate any of the provisions of the preceding section, shall be deemed guilty of a misdemeanor, and, upon conviction thereof, shall be fined not less than five dollars, nor more than fifty dollars for each offense, and it shall be the duty of the prosecuting attorney of the county in which such offense was committed, upon receiving complaint, to prosecute all such cases in the name of the people of the state of Michigan, before any justice of the peace or other competent court of jurisdiction.

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(180) § 5456. SEC. 4. All fines collected for violation of this act shall be turned over to the school board, or board of education of the city or township wherein such fine may be collected, and the same shall by them be disbursed for and in benefit of the public schools. Disposition of fines.

(181) § 5457. SEC. 5. Nothing in this act shall be construed to apply to domestic or farm laborers, or other laborers who agree to work more than ten hours per day. Not to apply to farm, etc., laborers.

An Act to regulate the length of time which shall be a day's labor by certain employes on railroads in this state, and to provide for pro rata compensation for extra services in addition to their daily compensation.

[Act 177, P. A. 1893.]

The People of the State of Michigan enact:

(182) § 5458. SECTION 1. That no person, corporation, joint stock company or association of individuals owning or operating a line of railroad, in whole or in part, within this state, shall permit or require any conductor, engineer, fireman, brakeman or any trainman who has worked in any capacity for twenty-four hours to again go on duty or perform any kind of work until he has had at least eight hours rest. Unlawful for any railroad company to overwork any employes.

(183) § 5459. SEC. 2. Ten hours labor performed within twelve consecutive hours shall constitute a day's labor in the operation of all steam, surface and elevated railroads now owned and operated or hereafter owned and operated within this state: Provided, That this act shall not apply to regular schedule trains when completed within a less number of hours: Provided further, That the provisions of this act shall not apply to extra hours of labor performed by any conductor, engineer, fireman, brakeman or trainman in cases of unavoidable accident or delay caused by such accident. What to constitute a day's labor. Proviso. Further proviso.

(184) § 5460. SEC. 3. Every hour in excess of ten hours labor performed in any one day by any conductor, engineer, fireman, brakeman or any trainman of any railroad company, corporation, joint stock company or association of individuals or person owning or operating a railroad within this state, who works under the direction of a superior or at the request of such person, company, corporation, joint stock company or association of individuals and who shall be required or permitted to work shall be deemed one-tenth of a day's labor and such conductor, engineer, fireman, brakeman or trainman shall receive pro rata compensation for said extra service in addition to his daily compensation. When more than ten hours' work is done. Compensation for.

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Penalty for violation of.

(185) § 5461. SEC. 4. Any person, agent or employe of such person, railroad company, corporation, joint stock company or association of individuals violating the provisions of this act, shall be guilty of a misdemeanor, and on conviction shall be punishable by a fine of not less than fifty and not to exceed one hundred dollars in the discretion of the court.

An Act to insure the payment of subcontractors and wages earned and material used in constructing, repairing or ornamenting public buildings and public works.

[Act 187, P. A. 1905.]

The People of the State of Michigan enact:

Bond required for payment of subcontractors.

(186) SECTION 1. When public buildings or other public works are about to be built, repaired or ornamented under contract at the expense of the state, or of any county, city, village, township or school district thereof, it shall be the duty of the board of officers or agents, contracting on behalf of the state, county, city, village, township or school district, to require sufficient security by bond for the payment by the contractor of all subcontractors and for the payment for all labor performed and materials furnished in the erection, repairing or ornamenting of such building or works.

Kuennan v. Fidelity & Guaranty Co., 159 / 127.
Sureties cannot avoid liability by showing a failure of the municipal authorities to approve the bond.—People v. Carroll, 151 / 233.

Subcontractors to give written notice.

(187) SEC. 2. In the case of a subcontractor, he shall give notice in writing before payment is made for the work or materials furnished by him to the said board of officers or agents, that he is a subcontractor for the doing of some part of such work which he shall specify in his notice and that he relies upon the security of the bond by this act required to be given by the principal contractor, and that in the case of the giving of such notice to the said board of officers or agents said subcontractor shall also notify the principal contractor that he has done so, and whenever this shall have been done, the said subcontractor shall be entitled, subject to the rights of the person with whom he has contracted for labor and materials, to the benefit of the security given by the principal contractor, and to be subrogated to the liens of the persons who have performed labor or furnished materials for such building, repairs or ornamentation, whom he shall have actually paid, but the subcontractor and the persons who shall have performed labor or furnished materials to him shall not in the aggregate be entitled to receive larger sums than may be required from the princi-

When entitled to benefit of security, etc.

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pal contractor under his contract with the subcontractor, nor shall this act be construed to change in any way the contract which may have been made between the principal contractor and the subcontractor, except when such contract shall attempt to relieve the principal contractor as against the demands of those performing labor or furnishing materials to the subcontractor.

Bond, to whom executed; sureties, by whom approved, etc.

(188) SEC. 3. Such bond shall be executed by such contractor to the people of the state of Michigan in such amount and with such sureties as shall be approved by the board of officers or agents acting on behalf of the state, county, city, village, township, or school district as aforesaid, and shall be conditioned for the payment by such contractor to any subcontractor or by any such contractor or subcontractor as the same may become due and payable of all indebtedness which may arise from said contractor to a subcontractor or party performing labor or furnishing materials, or any subcontractor to any person, firm or corporation on account of any labor performed or materials furnished in the erection, repairing or ornamentation of such building, improvement or works: Provided, however, That the principal contractor shall not be required to make any payment to a subcontractor of sums due from the subcontractor to parties performing labor or furnishing materials, except upon the receipt or the written orders of such parties to pay the sums due to them to subcontractors. Such bond shall be deposited with and held by such board of officers or agents for the use of any party interested therein.

Proviso.

Where deposited.

Recovery to be had on bond.

(189) SEC. 4. Such bond may be prosecuted and a recovery had by any person, firm or corporation to whom any money shall be due and payable on account of having performed any labor or furnished any materials in the erection, repairing or ornamentation of any such building or works, in the name of the people of this state for the use and benefit of such person, firm or corporation: Provided, however, That in the case of a suit for the benefit of a subcontractor, he shall be required to allege and prove that he has paid to all parties entitled thereto the full sums due to them for labor or materials contracted for by him: And Provided further, That in no case brought under the provisions of this act shall the people of this state be liable for costs.

Proviso.

Further proviso.

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An Act regulating the time of payment of wages to employes of all manufacturing, mercantile, street railway, telegraph, telephone, railroad, express, mining, electric light, gas and water companies or corporations, doing business in this state, and employes of every contractor, person or co-partnership in this state, engaged in any manufacturing business, in any of the building trades, in operating quarries, in and upon public works, in the construction or repair of railroads, street railways, roads, bridges or sewers; and providing a penalty for a violation thereof.

[Act 59, P. A. 1913.]

The People of the State of Michigan enact:

Wages, semi-monthly payment of.

(190) SECTION 1. Every manufacturing, mercantile, street railway, telegraph, telephone, railroad, express, mining, electric light, gas and water company or corporation doing business in this state and every contractor, person or co-partnership in this state, engaged in any manufacturing business, in any of the building trades, in operating quarries, in and upon public works, in the construction or repair of railroads, street railways, roads, bridges or sewers, shall on or before the first day of each calendar month pay to each employe engaged in its, his or their business, the wages earned by him during the first half of the preceding calendar month ending with the fifteenth day thereof, and on or before the fifteenth day of each calendar month pay to each employe the wages earned by him during the last half of the preceding calendar month. Any employe leaving his or her employment between the dates of any established pay day hereunder, shall be paid the wages earned and due at the time of leaving on the next following regular pay day, and any employe discharged from his or her employment, or absent from his or her place of employment on such regular pay day, shall be paid the wages earned and due such employe forthwith after demand, as soon as the amount due can with the utmost diligence be ascertained: Provided, That the mailing of a check for such wages upon or before the regular pay days herein established shall be deemed to be a compliance with the provisions of this act: Provided, That, unless upon such demand, none of the provisions of this act shall apply to employes working under contract where the amount due cannot be ascertained until the termination of the contract, nor to men employed in the lumbering business while at work in the woods. But in all cases of employes working under contract, the employer shall pay to such employe semi-monthly the wages earned by such employe as nearly as the same can be estimated, and final and complete payment shall be made at the termination of the contract: Provided further, That in the case of a disagreement between employe and employer regarding the amount of wages due an employe, the employer shall be deemed to have complied with the provisions of this act if payment of the wages claimed to be correct by the

Proviso.

Proviso, where not applicable.

Further proviso, disagreement.

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employer is paid to the employe on the regular pay day on which such wages are due, and in the case the employe proves his claim for more wages due him than has been paid by the employer the employer shall pay the additional amount due the employe on the next regular pay day after the employe's claim has been proved.

Special contract, etc., not to exempt company, etc.

(191) SEC. 2. No company, corporation, contractor, person or co-partnership specified in section one shall by any special agreement, contract or understanding, verbal or written, made with any such employe or intended employe, exempt itself, himself or themselves from the provisions of section one; and any such agreement, contract or understanding so made in violation of section one shall be null and void. All assignments of future wages payable as provided herein except for advances actually made shall not be valid if made to the company, corporation, contractor, person or co-partnership from whom such wages are to become due, or to any person on behalf of any such company, corporation, contractor, person or co-partnership, or if made or procured to be made to another company, corporation, contractor, person or co-partnership for the purpose of relieving the employer from the obligation to pay as in section one provided.

Failure to comply, penalty

(192) SEC. 3. Any employer mentioned in section one of this act, who, unless prevented by act of God, proceedings in bankruptcy or orders or process of any court of competent jurisdiction, or circumstances over which such employer has no control, shall fail to make payment of the wages due to any such employe, as provided in section one of this act, shall, as liquidated damages for such failure, pay to such employe for each day that the amount due him remains unpaid, ten per cent of the amount due him in addition thereto, and said damages may be recovered in any court having jurisdiction of the suit to recover the amount due to such employe.

(193) SEC. 4. This act shall take effect and be in force from and after September first, nineteen hundred thirteen.

An Act to create a commission of inquiry to make the necessary investigation and to prepare and submit a report to the next legislature, or to any special session of the present legislature, setting forth a comprehensive plan and recommending legislative action, providing for minimum wages for female employes; and to appropriate the necessary moneys for the expense thereof.

[Act 290, P. A. 1913.]

The People of the State of Michigan enact:

Commission of inquiry.

(194) SECTION 1. There shall be a commission of inquiry to consist of three members to be appointed by the governor from among the citizens of this state, to investigate conditions and problems involved in the question of wages paid to

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female employes with special reference to whether such wages paid are adequate for the necessary cost of living and to maintain the worker in health, and whether the conditions of labor are prejudicial to the health or morals of the workers in the several occupations, trades and industries in this state employing women.

Expenses to be paid.

(195) SEC. 2. The members of said commission shall serve without pay and shall be allowed their actual and necessary expenses incurred in the performance of their duties while traveling within this state.

Sessions, where held, etc.

(196) SEC. 3. It shall be the duty of said commission to fully investigate matters mentioned in section one, and for the purpose of the investigation, said commission is hereby authorized to hold sessions in various parts of the state if necessary, to summon witnesses and require the production of books and papers relating to said subject, to administer oaths and to employ such clerical and other assistance as may be necessary to accomplish the purposes of this act.

Report to legislature.

(197) SEC. 4. It shall be the duty of said commission to prepare and submit to the next legislature, or to any special session of the present legislature, a full report of their findings together with such proposed legislation as will in their opinion remedy such conditions as they may find.

To organize and elect officers.

(198) SEC. 5. Said commission shall as soon as practicable after its appointment, meet at the capitol and organize by electing one of its members as chairman and shall have use of suitable quarters to be provided by the board of state auditors.

To purchase books, stationery, etc.

(199) SEC. 6. Said commission shall have power to purchase books, stationery and other materials and the expenses incurred in the performance of their duties, including the cost of the publication of such a number of copies of their report as in their judgment shall be advisable, shall be audited and allowed by the board of state auditors upon vouchers and bills properly sworn to and duly certified by the chairman and shall be paid from the general fund of the state.

(200) SEC. 7. It is hereby declared that this act is immediately necessary for the preservation of the public health and safety.

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CHAPTER V.—PROTECTION OF THE RIGHTS, HEALTH, SAFETY AND LIVES OF LABORERS.

An Act to protect mechanics and other laborers in the quiet and peaceable pursuit of their avocations.

[Act 163, S. L. 1867.]

The People of the State of Michigan enact:

(201) § 11343. SECTION 1. That if any person or persons shall, by threats, intimidations, or otherwise, and without authority of law, interfere with, or in any way molest, or attempt to interfere with, or in any way molest or disturb, without such authority, any mechanic or other laborer, in the quiet and peaceable pursuit of his lawful avocation, such person or persons shall be deemed guilty of a misdemeanor, and on conviction by a court of competent jurisdiction, shall be severally punished by fine of not less than ten dollars, nor more than one hundred dollars, or by imprisonment in the county jail where the offense shall have been committed, not less than one month nor more than one year, or by both fine and imprisonment, in the discretion of the court; but if such punishment be by fine, the offender shall be imprisoned in such jail until the same be paid, not exceeding ninety days. Penalty of molestation.

An Act to protect toilers against unjust demands of employers of labor; to give redress to employes discharged in certain cases, and to punish employers, their agents, clerks and servants for any violation of this act.

[Act 192, P. A. 1893.]

The People of the State of Michigan enact:

(202) § 11400. SECTION 1. That it shall be unlawful for any employer of labor, by himself, his agent, clerk or servant to require any employe, or person seeking employment, as a condition of such employment, or continuance therein, to make and enter into any contract, oral or written, whereby such employe or applicant for employment shall agree to contribute directly or indirectly to any fund for charitable, social or beneficial purpose or purposes. Certain contracts unlawful.

(203) § 11401. SEC. 2. It shall be unlawful for any such employer, by himself, his agent, clerk or servant, to deduct from the wages of any employe, directly or indirectly, any part thereof without the full and free consent of such employe, obtained without intimidation or fear of discharge for refusal to permit such deduction. Unlawful to deduct from wages in certain cases.

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Who liable to punishment.

(204) § 11402. SEC. 3. If the employer be a firm or corporation, each and every member of said firm, and each and every managing officer of the corporation, shall be liable to punishment under this act; and any clerk, servant or agent of any such employer who shall do or attempt to do any act forbidden by this act, shall be equally liable with his employer or employers as principal, for any such violation of this act.

Penalty for violation.

(205) § 11403. SEC. 4. Any person who shall violate any provision of the first three sections of this act shall be deemed guilty of a misdemeanor, and on conviction thereof shall be punished by a fine of not less than twenty-five dollars and not more than one hundred dollars, or by imprisonment in the county jail for a period of not less than ten nor more than ninety days for each offense.

An Act to protect persons commissioned or enlisted in the organized militia of Michigan from injury in person or property on account of such membership, and to provide for a penalty for violation of this act.

[Act 194, P. A. 1909.]

The People of the State of Michigan enact:

Protection of commissioned or enlisted men.

(206) SECTION 1. No person shall either by himself or another deprive a member of the organized militia of this state of employment or prevent, obstruct or annoy any such member or his employer in respect of such employment because such member is commissioned or enlisted in the organized militia of this state or because such person performs military duty under orders from competent authority. No person shall dissuade any other person from enlisting in the organized militia of this state by threats of injury, in case he shall enlist, in respect of his employment, trade or business.

Discrimination.

(207) SEC. 2. No association or corporation constituted or organized for the purpose of promoting the success of any trade, employment or business of the members thereof, nor any association whose membership is confined to persons of a particular race, shall, by any constitution, rule, by-law, regulation, vote or resolution, discriminate against any member of the organized militia of this state in respect to the eligibility of the officer or soldier to membership in such association or corporation, or in respect to his right to retain his membership in such association or corporation, and no person shall aid in enforcing any such provision against any officer or soldier of the organized militia of this state with in-

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tent to discriminate against such member on account of his membership.

(208) SEC. 3. No person shall unlawfully molest, insult or abuse any member of the organized militia of this state while in the performance of military duty, or unlawfully molest, insult or abuse any such member because of his membership or on account of the performance of military duty while a member. Insult, abuse, etc.

(209) SEC. 4. Any person who violates any of the provisions of this act shall be deemed guilty of a misdemeanor, and shall be punished by a fine of not more than one hundred dollars or by imprisonment not exceeding ninety days, or by both such fine and imprisonment in the discretion of the court. Penalty.

An Act to prohibit the corrupt influencing of agents, employes, or servants.

[Act 210, P. A. 1905.]

The People of the State of Michigan enact:

(210) SECTION 1. Whoever corruptly gives, offers or promises to an agent, employe or servant any gift or gratuity whatever, with intent to influence his action in relation to his principals, employer's or master's business; or an agent, employe or servant, who corruptly requests or accepts a gift or gratuity or a promise to make a gift or to do an act beneficial to himself, under an agreement or with an understanding that he shall act in any particular manner in relation to his principal's, employer's or master's business; or an agent, employe or servant, who, being authorized to procure materials, supplies or other articles either by purchase or contract for his principal, employer or master, or to employ service or labor for his principal, employer or master, receives directly or indirectly, for himself or for another, a commission, discount or bonus from the person who makes such sale or contract, or furnishes such materials, supplies or other articles, or from a person who renders such service or labor; and any person who gives or offers such an agent, employe or servant such commission, discount or bonus, shall be deemed guilty of a felony, and on conviction thereof shall be punished by a fine of not more than five hundred dollars, or by imprisonment in the state prison for a period of not more than one year, or by both such fine and imprisonment in the discretion of the court. Corrupt influencing of agents, servants, etc., unlawful. Penalty for violation.

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An Act to compel the maintenance of water-closet accommodations for workmen on buildings during course of erection.

[Act 205, P. A. 1899.]

The People of the State of Michigan enact.

Architects to insert clause relative to water-closets.

(211) SECTION 1. That it shall be the duty of all architects to insert a clause in the specifications for all buildings providing for suitable temporary water-closets for the use of workmen employed on such buildings while in the course of erection, unless closets are already maintained on such premises; and it shall also be the duty of the contractor or person erecting such building to erect such closet within the first week after commencing work thereon.

Penalty.

(212) SEC. 2. Any person violating any of the provisions of this act shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than five dollars or more than twenty-five dollars or imprisonment in the county jail for a term not exceeding thirty days, or both such fine and imprisonment in the discretion of the court.

An Act to provide for the better protection of lives of passengers and employes on railroad trains.

[Act 118, P. A. 1887.]

The People of the State of Michigan enact:

Companies to make provisions against the burning of cars, etc.

(213) § 5508. SECTION 1. That on and after the first day of November, eighteen hundred and eighty-nine, every railroad company owning or operating any railroad wholly or partly within this state, shall make some effective provision against the burning of cars in which passengers are carried, or of cars which form part of passenger trains, in some one or more of the following, or other equally effective, methods: By generating the heat for warming the cars outside and independent of said cars, or by the use of heaters in the cars, so constructed that in case of accident, it will be practically impossible for the fire to escape from the stove or heater so as to set fire to the cars, or provided with some automatic or quickly and easily operated provision for extinguishing fire, and when the heat is generated outside of the cars, heaters constructed as provided for in this section may be retained within for use in case of emergencies: Provided, That the provisions of this section shall not apply to caboose cars on freight trains.

Methods of heating.

Proviso.

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(214) § 5509. SEC. 2. No device shall be adopted for general use until approved by the commissioner of railroads, and he shall have the power, and it is hereby made his duty to order any stoves or heaters removed, which, in his judgment, are unsafe in case of accident. And he is hereby empowered to use such reasonable means to provide for carrying out the spirit of this law to promote the safety of passengers and employes in railway cars, as the condition of the road and experience in the use of the various methods of heating have demonstrated to be practicable and necessary.

Power and duty of railroad commission in relation to.

(215) § 5510. SEC. 3. The provisions of this act may be enforced by any circuit court of this state in any county through which the railroad of any company refusing to comply with such provisions may run, upon the application of the commissioner of railroads, under such penalty as the said court may determine, of not less than one hundred dollars for each violation of the provisions of this act.

How provisions of this act may be enforced.

An Act to promote the safety of employes and travelers upon railroads, by compelling common carriers in this state to equip their cars with automatic couplers and to provide a penalty for violations hereof.

[Act 234, P. A. 1907.]

The People of the State of Michigan enact:

(216) SECTION 1. It shall hereafter be unlawful for any common carrier owning or operating any portion of a railroad wholly or partly in this state to haul or permit to be hauled or used on its line within this state any car used in moving traffic not equipped with couplers coupling automatically by impact, and which can be uncoupled without the necessity of men going between the ends of the cars: Provided, That nothing in this act contained shall apply to trains composed of four-wheeled cars or to trains composed of eight-wheeled standard logging cars where the height of such car from top of rail to center of coupling does not exceed twenty-five inches, or to locomotives used in hauling such trains when such cars or locomotives are exclusively used for the transportation of logs.

Unlawful to use cars without automatic couplers.

Proviso as to certain cars.

Held that the provisions of C. L. 1897, § § 5511-5512, on this subject, did not require the placing of such couplers on the tenders of locomotives.—Blanchard v. Detroit & Mackinac Ry. Co., 139 / 694. Coupling devices on freight cars held sufficient compliance with law.—Wight v. M. C. R. Co., 161 / 216.

(217) SEC. 2. Any such common carrier hauling or permitting to be hauled or used on its line any car in violation of the provisions of this act shall be liable to a penalty of not more than one hundred dollars for each and every such

Penalty for violation.

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violation, to be recovered in an action of assumpsit brought in the name of the people of this state, and it shall be the duty of the prosecuting attorney of the proper county to bring any such action at the request of the commissioner of railroads (railroad commission).

Sec. 3 repeals Act No. 147 of 1885, §§ 5511-12, C. L. 1897.
Nichols v. C. & N. W. R. Co., 125/394; De Cair v. M. & G. R. R. Co., 133/578; Van Leuvan v. Ann Arbor R. Co., 167/355.

An Act to provide for the safety of brakemen and other employes on railroads.

[Act 190, P. A. 1881.]

The People of the State of Michigan enact:

Railroads to provide safety guards.

(218) § 5513. SECTION 1. That wherever in the state of Michigan there shall be over, above, or across any of the tracks of any railroad a bridge, crossing, viaduct, or other obstruction at a height of less than seven feet above the roof of the freight cars used on or hauled over said road; and whenever [wherever] there shall be upon any railroad in the state of Michigan any bridge or other structure that shall have over or above any track of said road a transverse beam, girder, rod or other obstruction at a height less than that above mentioned, it shall be the duty of the officers of such railroad to erect and keep in repair at or near such bridge, crossing, viaduct, or other obstruction, safety guards, made and placed as provided for in section two of this act.

What safety guards to consist of.

(219) § 5514. SEC. 2. The safety guards mentioned in section one of this act shall consist of a transverse rod, beam, or timber placed across the track or tracks of said railroad at such a height and at such distance from the bridge, viaduct or other obstruction, as the commissioner of railroads (railroad commission) shall direct; and from said rod or beam shall be suspended straps, ropes or cords of such size and of such length as the said commissioner (commission) shall also direct. The said ropes or cords shall be attached to said transverse rod or beam at a distance not greater than nine inches from each other, for the space of eight feet directly over the tracks. Said guards shall be placed upon each side of such bridge, viaduct, or other obstruction: Provided, That if two such bridges or other obstructions shall be at a less distance apart than one hundred feet, then no guard shall be required between them.

Proviso.

Penalty for neglect.

(220) § 5515. SEC. 3. Any railroad company, lessee or other person or persons operating any railroad that shall refuse or neglect to erect the guards required by this act for the space of sixty days after notice from the commissioner of

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railroads (railroad commission) requiring the erection of such guards, shall be subject to a fine of not less than fifty or more than one hundred dollars, to be collected at the suit of the people of this state by the prosecuting attorney of each county wherein such bridge or obstruction may be situated, and for every twenty days delay thereafter in erecting such guards such company or person shall be liable to the same fine, to be collected as above provided.

An Act to require street railway companies operating electric cars, cable or other cars propelled by steam, cable or electricity, to protect certain of their employes from the inclemency of the weather during certain months of the year.

[Act 9, P. A. 1895.]

The People of the State of Michigan enact:

Employes operating cars to be protected from weather from November to April.

(221) § 5522. SECTION 1. That from and after the first day of January in the year of our Lord one thousand eight hundred and ninety-six, it shall be unlawful for any person, partnership or corporation, owning or operating a street railway in this state, or for any officer or agent thereof, superintendent or having charge or control of the management of such line of railway, or the cars thereof, operating electric, cable or other cars propelled either by steam, cable or electricity, which require the constant services, care or attention of any person or persons upon the platforms of such car, to require or permit such services, attention or care of any of its employes or any other person or persons between the first day of November and the first day of April thereafter of each year unless such person, partnership or corporation, its said officers or superintending or managing agents, have first provided the platforms of said car or cars with a proper and sufficient enclosure, constructed of wood, iron and glass, or similar, suitable materials, sufficient to protect such employes from exposure to the winds and inclemencies of the weather: Provided, That such enclosure shall be so constructed as not to obstruct the vision of the person operating such car, or to endanger or interfere with its safe management by the operator.

What enclosure to be made of.

Proviso.

Unlawful to use cars not properly constructed.

(222) § 5523. SEC. 2. From and after January first, in the year of our Lord, one thousand eight-hundred and ninety-six, it shall be unlawful for any such person, partnershsip or corporation so owning or operating street railways, using steam, electric or cable cars, or any superintending or managing officer or agent thereof, to cause or permit to be used upon such line of railway, between said November first and April first of each and every year thereafter, any car or cars

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upon which the services of any employe, such as is specified in section one of this act, is required, unless said car or cars shall be provided with the enclosure required by section one of this act.

Violation of act a misdemeanor.

(223) § 5524. SEC. 3. Any person, partnership or corporation, owning, operating, superintending or managing any such line of street railway, or managing or superintending officer or agent thereof, who shall be found guilty of a violation of the provisions of section one or two of this act, shall be deemed guilty of a misdemeanor, and upon conviction thereof shall be punished by a fine of not less than fifty dollars nor more than one hundred dollars, and in default of payment of the same, by imprisonment in the common jail of the county in which such conviction is had until such fine shall be paid, but for a period not exceeding the term of three months. Each day that any of said person or persons, partnership, or corporation, cause or permit any of their said employes to operate such cars in violation of the provisions of sections one and two of this act, or cause or permit cars to be used or operated in violation of said section two of this act, shall be deemed a separate offense: Provided, That the provisions of this act shall not apply to cars used and known as trailing cars.

Penalty.

Proviso as to trailing cars.

Prosecuting attorney to prosecute.

(224) § 5525. SEC. 4. It is hereby made the duty of the prosecuting attorney of any county in which any such street railway is situated and operated, upon any information given him by any credible person, or upon knowledge that he may possess that any person, partnership or corporation has violated any of the provisions of this act, to promptly prosecute such person, members of such partnership or corporation for such violation.

An Act to regulate the operation of power or machine drills in the iron and copper mines in this state, to safeguard persons operating the same, and to provide for the enforcement of the provisions of this act.

[Act 220, P. A. 1913.]

The People of the State of Michigan enact:

Machine drills, how operated, etc.

(225) SECTION 1. It shall be the duty of every person or persons, firm or corporation operating any iron or copper mine within the state of Michigan to so arrange and regulate its system of work underground, that no employe shall be permitted or required to operate any power or machine drill at a distance of more than one hundred and fifty feet in the same drift, stope, opening or working from where another person or persons are regularly and continuously employed.

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(226) SEC. 2. Any person or persons, firm or corporation, requiring or allowing any miner to operate any power or machine drill in violation of the provisions of section one of this act, shall be liable to a penalty of twenty-five dollars for each and every day any miner shall be so required or allowed to operate said power or machine drill; said penalty to be recovered in an action of debt or assumpsit in the name of the people of the state of Michigan. Penalty for violation.

(227) SEC. 3. It shall be the duty of the prosecuting attorney of each of the counties of this state and also of the attorney general, in case suit is not brought by the prosecuting attorney, to sue for, and collect all such penalties; all money collected on account of such penalties shall be paid to the state treasurer. Penalties, collection and disposition of.

An Act requiring corn huskers to be protected by an automatic feeder or other safety device, and making the sale or use thereof, unless so protected, a misdemeanor.

[Act 124, P. A. 1907.]

The People of the State of Michigan enact:

(228) SECTION 1. Hereafter it shall be unlawful for any person, partnership, association or corporation, or for any officer or agent thereof, to sell or offer for sale, or to use within the state of Michigan, the machine commonly known as a corn husker, unless the same is safeguarded by an automatic feeder or other safety device, that shall compel the person, or persons, feeding said machine, to stand at a reasonably safe distance from the snapping rollers, and designed effectually to protect the person or persons operating the same from bodily injury while engaged in such operation. Safeguard on corn huskers.

Garfield v. Lapham, 173 / 217.

(229) SEC. 2. Any person, partnership, association or corporation, or officer or agent thereof, who shall be found guilty of a violation of the provisions of section one of this act, shall be deemed guilty of a misdemeanor and upon conviction thereof, shall be punished by a fine not exceeding one hundred dollars, or imprisonment not exceeding ninety days, or by both such fine and imprisonment, in the discretion of the court. Penalty for violation.

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An Act to prevent accidents by line shafting used on fair grounds or other public places where machinery is running on exhibition.

[Act 156, P. A. 1885.]

The People of the State of Michigan enact:

Certain shafting to be protected.

(230) § 5550. SECTION 1. That all shafting put up for the running of machinery on exhibition in this state, where the public are invited to assemble, shall be so put up as to prevent any person or persons coming in contact with the same.

Penalty for non-compliance.

(231) § 5551. SEC. 2. Any person or persons using shafting as named in section one of this act, who shall refuse or neglect to comply with the same before setting said shafting in motion for exhibition, shall be guilty of a misdemeanor, and on conviction thereof shall pay a fine not exceeding one hundred dollars and costs of prosecution, or imprisonment in the county jail not exceeding ninety days, or both such fine and imprisonment, in the discretion of the court; and any company, corporation or individual shall also be liable for all damages which shall be sustained by any person by reason of such refusal or neglect.

An Act to provide for the reporting of occupational diseases by physicians.

[Act 119, P. A. 1911.]

The People of the State of Michigan enact:

Physicians, duty of.

(232) SECTION 1. Every physician attending or called upon to treat a patient whom he believes to be suffering from poisoning from lead, phosphorus, arsenic or mercury, or their compounds, or from anthrax, or from compressed air illness, contracted as a result of the nature of the patient's employment, shall send to the state board of health, who shall transmit to the commissioner of labor a notice stating the name, postoffice address and place of employment of the patient, the length of time of such employment, and the disease from which in the opinion of the physician, the patient is suffering.

Failure to report.

(233) SEC. 2. Any physician who shall fail to make any report required by the preceding section, or who shall wilfully make any false statement in such report, shall be deemed guilty of a misdemeanor and on conviction thereof shall be punished by a fine of not more than fifty dollars.

Prosecutions.

(234) SEC. 3. It shall be the duty of the commissioner of labor and of the prosecuting attorney of the county where

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any one violating the provisions of this act may reside, to prosecute all violations of the provisions of this act which shall come to the knowledge of them or either of them.

CHAPTER VI—PRIVATE EMPLOYMENT AGENCIES.

An Act to provide for the licensing, bonding and regulation of private employment agencies, the limiting of the amount of the fee charged by such agencies, the refunding of such fees in certain cases, the imposing of obligations on persons, firms or corporations which have induced workmen to travel in the hope of securing employment, charging the commissioner of labor with the enforcement of this act and empowering him to make rules and regulations, and fixing penalties for the violation hereof.

[Act 301, P. A. 1913.]

The People of the State of Michigan enact:

(235) SECTION 1. No person, firm or corporation in this state shall open, operate or maintain a private employment agency where a fee is charged to persons seeking employment, without first obtaining a license for the same from the commissioner of labor, and the fee for such license shall be twenty-five dollars per annum except in cities over two hundred thousand population, where it shall be one hundred dollars per annum. Every license shall be void after the thirty-first day of December of the year in which it was issued. The form of the license shall be fixed by the commissioner of labor and it shall be non-transferable. The license may be revoked by the commissioner of labor whenever in his judgment, after full hearing, the licensed agency shall have violated any of the provisions of this act. The commissioner of labor is hereby charged with the enforcement of the terms of this act and empowered to make such rules or regulations as are consistent with it and aid in its enforcement and he shall direct copies or excerpts of this act to be kept conspicuously posted in every licensed agency. The commissioner of labor shall turn into the state treasury all fees collected under this act.

License required.

Fee.

Expiration.

Revocation.

Fees, disposition of.

(236) SEC. 2. The commissioner of labor, before granting a license, shall require each applicant to furnish a surety bond in the penal sum of one thousand dollars, conditioned that the obligor will not violate any of the provisions of this act. The commissioner of labor is authorized to cause an action to be brought on said bond in the name of the people of the state of Michigan for the violation of any of its conditions. If any person shall be aggrieved because of the violation by such licensed agency of any provision of this act, such person may maintain an action, in his own name, upon the

Surety bond required.

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bond of said employment agency in any court having jurisdiction of the amount claimed.

Registers to be kept.

(237) SEC. 3. It shall be the duty of every licensed agency to keep a register in which shall be truthfully entered the date of application, age, sex, nativity, trade or occupation, name and address of every person who applies for employment at such agency, the amount of the fee charged and the wages to be paid. Such licensed agency shall also keep a register in which shall be truthfully entered the name and address of every person who applies for help at such agency, the place of proposed employment, the nature of the work to be done and the wages offered.

Receipts.

(238) SEC. 4. Every licensed agency shall issue a receipt to each person seeking employment who has paid a fee, which receipt shall contain the name and address of the agency issuing it, together with all the information regarding the particular transaction hereinbefore required to be entered in both registers of the agency. Such agency shall also issue a receipt to each person seeking employment who has paid a fee for registering in such agency.

Fee, limit of.

(239) SEC. 5. The entire fee or fees for the procuring of one situation or job and for all expenses, incidental thereto, to be received by any employment agency, from any applicant for employment at any time, whether for registration or other purposes, shall not exceed ten per cent of the first month's wages. Such ten per cent shall be determined by the monthly rate offered by the applicant for help, regardless of the time during which the applicant for employment remains at the employment procured him. Where a registration fee is charged, if the applicant, through no fault of his own, does not secure through the employment agency to which the fee has been paid, within one month, the employment applied for, said agency shall repay to said applicant, upon demand, one-half the full amount of the registration fee paid. No registration fee shall exceed the sum of one dollar.

Repayment.

Things prohibited.

(240) SEC. 6. No employment agent or agency shall send an applicant for employment to an employer who has not applied to such agent or agency for help or labor. Nor shall any licensed agency fraudulently promise or deceive, whether through a false notice or advertisement or other means, any applicant for help or employment with regard to the service to be rendered by such licensed agency and every such agency shall be liable civilly to any person who is led to expend money uselessly for transportation or other purposes through the misrepresentations or false promises of such agency.

Idem.

(241) SEC. 7. No employment agency or person connected therewith shall direct any person applying for employment to any house of prostitution or immoral resort. No licensed agency shall be conducted in, or in connection with, any place where intoxicating liquors are sold.

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(242) SEC. 8. Any person who violates or omits to comply with any provision of this act, or who interferes in any manner with the commissioner of labor or any of his deputies in its enforcement shall be deemed guilty of a misdemeanor and on conviction shall be punished by a fine of not less than twenty-five dollars nor more than two hundred dollars or by imprisonment for not less than ten nor more than ninety days or by both such fine and imprisonment in the discretion of the court. Penalty.

CHAPTER VII.—COMPULSORY EDUCATION.

An Act to provide for the compulsory education of children, for penalties for failure to comply with the provisions of this act, and to repeal all acts or parts of acts conflicting with the provisions of the same.

[Act 200, P. A. 1905.]

The People of the State of Michigan enact:

(243) SECTION 1. Every parent, guardian or other person in the state of Michigan, having control and charge of any child between the ages of seven and sixteen years, shall be required to send such child to the public schools during the entire school year, and such attendance shall be continuous and consecutive for the school year fixed by the district in which such parent, guardian or other person in parental relation may reside: Provided, That in the following cases children shall not be required to attend the public schools: Children of certain ages required to attend school. Proviso.

(a) Any child who is being taught in a private or parochial school such branches as are usually taught in the public schools to children of corresponding age, or who, upon the completion of the work in such schools, shall present satisfactory evidence to the county commisssioner of schools, and in appropriate cases, to the superintendent of schools, that he has completed sufficient work to entitle him to an eighth grade diploma; Exceptions.

(b) Any child who has received an eighth grade diploma from the public schools;

(c) Any child who is physically unable to attend school. If the truant officer is notified of the non-attendance of any child at school, and he shall find the one in parental control claiming that such child is physically unable to attend school, the truant officer may secure a written statement of a competent physician, certifying that such child is physically unable to attend school;

(d) Children over fourteen years of age whose services

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are essential to the support of their parents may be excused by the county commissioner of schools or city superintendent of schools from attendance at school, on the recommendation of the board of education of the district in which such children reside, and said board shall certify to the officers herein mentioned the facts in all such cases;

(e) Children under nine years of age, whose parents do not reside within two and one-half miles, by the nearest traveled road, of some public school: Provided, That if transportation is furnished for pupils in said district, this exemption shall not apply;

Proviso.

(f) Any child twelve to fourteen years of age while in attendance at confirmation classes conducted for a period of not to exceed five months in either of said years: Provided, however, That any child claiming exemption from attending school under subdivisions (a) or (b) hereof, shall secure such permit as may be required under the statutes of Michigan covering the employment of minors, and shall be regularly employed at some lawful work if physically able to do so.

Proviso, employment permit.

Am. 1907, Act 74; 1913, Act 47.

The provision of the original act, requiring the compulsory education of children "between and including the ages of seven and fifteen years," did not require the sending to school of a child between the ages of fifteen and sixteen.—Jackson v. Mason, 145 / 838. The board of supervisors may reimburse a deputy sheriff for attorney's fees paid to defend himself against an action of malicious prosecution for arrest on a warrant fair on its face, issued under this act, where the officer acted in good faith and was held not liable.—Messmore v. Kracht, 172 / 120.

County truant officer, bond, etc.

(244) SEC. 2. The county commissioner of schools in each county shall select a person of good moral character to act as truant officer for the county. The person so selected shall file with the county clerk his acceptance and oath of office and a bond in the sum of one thousand dollars, with two sufficient sureties to be approved by the county clerk. The person so selected shall be known as the county truant officer, and he shall have all the powers of a deputy sheriff, and he shall perform the duties of truant officer in all school districts of the county when directed to do so by the county commissioner of schools, except as hereinafter provided: Provided, That in cities having a duly organized police force it shall be the duty of the police authorities, at the request of the board of education, to detail one or more members of such police force to perform the duties of the truant officer in such city, but this provision shall not be construed as prohibiting such board of education from appointing any citizen not a police officer as truant officer: Provided further, That in graded school districts the board of education shall have authority to appoint one or more truant officers and fix the compensation of the same, said compensation to be paid by the district: And Provided further, That in all townships of the upper peninsula organized as township unit districts, the board of education of such township shall have

Powers.

Proviso, cities.

Proviso, graded school districts.

Proviso, U. P.

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authority to appoint one or more truant officers for said township and fix the compensation for such service, said compensation to be paid from the proper funds of such school district. For all townships of the upper peninsula not organized as township unit districts the county truant officer appointed as herein prescribed shall act: Provided, That if in any graded district or township the board of education does not appoint a truant officer, the county truant officer shall act in such district or township. The truant officers herein provided for in cities, graded school districts and township unit districts shall give bonds to the board of education in the sum of five hundred dollars, said bonds to be approved by the board of education and filed with said board, and such officers shall have, within their jurisdiction and while in the performance of the duties of truant officer, the powers of the deputy sheriff. The compensation of the county truant officer shall be three dollars per day for every day actually engaged in the discharge of his duties, and actual expenses, and all bills for such service shall be certified by the county commissioner of schools. In cities, when the board of education appoints a truant officer other than a police officer, said board shall fix the compensation for such truant officer and pay such officer from the incidental fund. The compensation and actual expenses of the county truant officer shall be allowed and paid in the same manner as the compensation of other county officers is allowed and paid by the county; and when the police authorities detail one or more members of the force as truant officers, they shall receive such compensation and actual expenses for such service as the board of aldermen or police commission may determine, and be paid from the same fund as the police authorities are usually paid: Provided, That this act shall not be so construed as to affect any existing appointment.

Proviso.

Bonds.

County truant officer, compensation.

How paid.

Proviso.

Am. 1907, Act 74; 1911, Act 255.

(245) SEC. 3. (a) It shall be the duty of the school director of all school districts, except in city, graded and township districts, to provide the teacher, at the commencement of the school, with a copy of the last school census, together with the names and addresses of the persons in parental relation, also address of the county commissioner of schools. The teacher shall, at the opening of school and at such other times as may be necessary, compare said census list with the enrollment of the school and report to the county commissioner of schools the names of the parents or other persons in parental relation whose children of the ages hereinbefore mentioned are not in regular attendance at school, also the names of parents or other persons in parental relation who have children of school age not included in such census and who do not attend school;

School director, duty of.

Teacher, duty of.

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Secretary of board of education, duty of.

(b) In all city, graded and township districts, the secretary of the board of education shall, at the commencement of school, furnish a copy of the last school census to the superintendent of schools in such city, together with the name and address of the truant officer under whose jurisdiction they act, and it shall be the duty of said superintendent at the opening of school to compare said census list with the enrollment of the school or schools, and from time to time as it may be necessary report to the proper truant officer the names and addresses of any parents or other persons in parental relation whose children of the ages hereinbefore mentioned are not in regular attendance at the public schools, also names of parents or others in parental relation whose children are not in the school and whose names are not included in such census;

Truant officer, duty of.

(c) It shall be the duty of the truant officer of the city or district, whenever notified by the teacher, superintendent, or other person or persons of violations of this act, and the county truant officer, when notified by the commissioner of schools, to investigate all such cases of truancy or non-attendance at school, and if the children complained of are not exempt from the provisions of this act under the conditions named in section one, then he shall immediately proceed as is provided in section four of this act: Provided, That it shall be the duty of the county truant officer when requested to do so by the county commissioner of schools to inspect the outhouses in primary districts and order repairs on the same, and in case the district board, after proper notification by the truant officer, fails to have such outhouses put in proper and sanitary condition it shall be the duty of the said truant officer to have such work done at the expense of the district;

Proviso.

Penalty for non-compliance.

(d) In case any parent or other person in parental relation shall fail to comply with the provisions of this act, he shall be deemed guilty of a misdemeanor, and shall on conviction thereof be fined not less than five dollars nor more than fifty dollars, or imprisoned in the county or city jail for not less than two nor more than ninety days, or both such fine and imprisonment in the discretion of the court.

Am. Id.

Commissioner of schools, duty of.

(246) SEC. 4. (a) It shall be the duty of the county commissioner of schools to furnish the truant officer of the county, at the opening of the schools, with a list of the teachers and superintendents employed in his county in school districts other than in such city graded and township districts as are described in section two of this act;

Notice to parent.

(b) In case any parent or other person in parental relation shall fail to send the child or children under his or her control to the public school, the truant officer, upon having notice from proper authority of such fact, shall immediately and within twenty-four hours thereafter give formal written

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notice in person or by registered mail, to the parent or other person in parental relation, that the child or children under his or her control shall present himself or themselves at the public school, except as hereinbefore provided, on the day following the receipt of such notice, with the necessary textbooks for instruction in the proper school or schools of the district or city. Said notice shall inform the parent or other person in parental relation of the date that attendance must begin and that such attendance at school must be continuous and consecutive during the remainder of the school year as taught in the district. The truant officer shall, at the same time the said formal notice is given to the parent or person in parental relation notify the teacher or superintendent or commissioner of the fact of notice, and it shall be the duty of the teacher or superintendent or commisssioner to notify the truant officer of failure on the part of the parent or other person in parental relation to comply with said notice;

Notice, what to state.

Notice to teacher or superintendent.

(c) It shall be the duty of all truant officers after having given the formal notice hereinbefore described, to determine whether the parent or other person in parental relation has complied with the notice, and in case of failure to so comply he shall immediately and within three days after having knowledge or being notified thereof, make a complaint against said parent or other person in parental relation having the legal charge and control of such child or children, before any justice of the peace in the city, village or township where such party resides, or in an adjoining township or city in such county for such refusal or neglect to send such child or children to school; and said justice of the peace shall issue a warrant upon said complaint and shall proceed to hear and determine the same in the same manner as is provided by statute for other cases under his jurisdiction, and in case of conviction of any parent or other person in parental relation for violation of this act, said parent or other person in parental relation shall be punished according to the provisions of section three of this act: Provided, That in cities having a recorder's court and justices of the peace, the truant officer shall make the aforesaid complaint before the magistrate of said recorder's court or before a justice of the peace, and said magistrate or justice shall issue a warrant and proceed to hear and determine the case in the same manner as is provided in the statute for other cases under his jurisdiction;

Truant officers, duty of.

Complaint.

Warrant.

Conviction.

Proviso, recorder's court.

(d) It shall be the duty of all school officers, superintendents, teachers or other persons to render such assistance and furnish such information as they may have at their command to aid such truant officer in the performance of his official duty.

Assistance rendered officer.

*Am. 1907, Act 74; 1909, Act 63.

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School boards, may establish ungraded schools.

(247) SEC. 5. In any graded or city district in this state, the school board or officers having in charge the schools of such districts may establish one or more ungraded schools for the instruction of certain children as defined and set forth in the following section. They may, through the truant officer and superintendent of schools, require such children to attend said ungraded schools, or any department of their graded schools, as said board of education may direct.

May require attendance.

Juvenile disorderly persons, who deemed.

(248) SEC. 6. The following classes of persons between and including the ages of seven and sixteen years residing in graded school districts or cities as described in section five of this act shall be deemed juvenile disorderly persons and shall, in the judgment of the proper school authorities, be assigned to the ungraded school or schools as provided in section five of this act: Class one, habitual truants from any school in which they are enrolled as pupils; class two, children, who, while attending any school, are incorrigibly turbulent, disobedient or insubordinate, or are vicious and immoral in conduct; class three, children who are not attending any school and who habitually frequent streets and other public places, having no lawful business, employment or occupation.

Sec. 7 repeals Act 95 of 1895, being C. L. 1897, § § 4847-4852.

A charge that respondent was a disorderly juvenile offender, in that she neglected and refused to go to school and was a truant and is an unmanageable child, is insufficient to sustain a conviction (C. L. 1897, § 11765).—People v. Turja, 157 / 530.

An Act to provide for the compulsory education of deaf children.

[Act 48, P. A. 1907.]

The People of the State of Michigan enact:

When children to be sent to a school for the deaf.

(249) SECTION 1. Every parent, guardian or other person in the state of Michigan having control or charge of any child or children between the ages of seven and eighteen years, and who by reason of deafness or imperfect hearing cannot be taught successfully in the public schools, shall be required to send such child or children to a day school for the deaf, the Michigan school for the deaf, located at Flint, or to such other school for the deaf as the said parent, guardian, or other person in parental control, prefers: Provided, That should the parent, guardian or other person in parental control of said child or children fail to meet the foregoing provision, then such child or children shall be sent to the Michigan school for the deaf, located at Flint.

Proviso.

Transportation given poor children.

(250) SEC. 2. In cases where such parent, guardian or other person, on account of their poverty, are unable to furnish such child or children with transportation to and from such school, the board of trustees of the Michigan school

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for the deaf shall furnish such transportation each year, and the said board of trustees may include therewith transportation for such parent, guardian or other person to said school and return, where the child is under twelve years of age, and for that purpose may issue a certificate directed to the auditor general that said amount is necessary for the benefit of such individuals, who shall draw his warrant upon the state treasurer therefor; and any such sums are hereby appropriated and shall be paid out of any moneys in the general fund, not otherwise appropriated, and the auditor general shall charge all such moneys, so drawn, to the county of which such parent, guardian or other person is a resident, or to which he or she belongs, to be collected and returned to the general fund the same as any state taxes are required to be by law.

Sums, how paid and where charged.

(251) SEC. 3. Act number two hundred of the public acts of nineteen hundred five, entitled "An act to provide for the compulsory education of children, for penalties for failure to comply with the provisions of this act, and to repeal all acts or parts of acts conflicting with the provisions of the same," shall apply in the execution of this act, and the officers mentioned in said act shall be required to report all cases of deaf children residing in their jurisdiction to the superintendent of the Michigan school for the deaf, and they shall enforce this act in the same manner as the said act number two hundred of nineteen hundred five is enforced. The same penalties prescribed for violation of said act are hereby prescribed for violation of this act.

Certain act to apply.

Penalties.

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INDEX.

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GENERAL INDEX.

	Page
ANNUAL REPORT OF COMMISSIONER OF LABOR	7–11
Blank form for factory inspection	587–588
Bureau of former officials	3
COAL MINE INSPECTION IN 1913:	
annual report of Inspector Kanary	477–478
consolidated monthly report of Michigan coal mines for 1913	479–481
consolidated yearly report of Michigan coal m nes	482
record of accidents	483–484
summary of coal mine accidents	484
summary of coal mine inspection	482
DEPARTMENT OF LABOR, official staff of	12–14
FACTORIES AND WORKSHOPS INSPECTED:	
establishments not classified, names of	226
factory inspection by county	15–225
factory inspection by county, summary of	228–231
female wage earners by cities	494
female wage earners, summary of	494
general statistical review	232–233
FREE EMPLOYMENT BUREAUS:	
Detroit Bureau, statistics of	496–506
Grand Rapids Bureau	507–519
Jackson Bureau	520–531
Kalamazoo Bureau	532–539
Saginaw Bureau	540–547
Summary of work of five offices combined	548
LABOR LAWS	597–679
LEGAL ACTIONS	468
Summary of legal actions	468
LETTER OF TRANSMITTAL	5
LIST OF COUNTIES, BY WHOM INSPECTED	589–590
ORDERS:	
factory	325–397
hotel	423–457
private employment agencies	422
public buildings	397–401
restaurants	419–421
school buildings	405–418
stores	401–405
theaters	421–422
PRISON AND REFORMATORY STATISTICS:	
Detroit House of Correction, Detroit	461–462
Industrial School for Boys, Lansing	462–463
Industrial School for Girls, Adrian	463–464
Michigan Reformatory, Ionia	459–460
Michigan State Prison, Jackson	457–458
State House of Correction and Branch Prison, Marquette	460–461
summary of inmates	464
summary of prison and reformatory statistics	464
summary—combined institutions	465
PRIVATE EMPLOYMENT AGENCIES, LICENSES ISSUED FOR	469
PUBLIC BUILDINGS:	
inspection of public buildings in 1913	493
summary of inspection	493
RECORD OF ACCIDENTS IN 1913	239–325
RECORD OF MOTIVE POWER USED IN MANUFACTURING	234–237
steam boilers and their equipment	238
summary of motive power	238
REPORT OF ELECTRIC RAILWAYS	592
REPORT OF STEAM ROADS	593–594
REPORTS OF EXPRESS COMPANIES	594
RESOLUTIONS ADOPTED BY NATIONAL CONFERENCE ON UNEMPLOYMENT	590–591
SCHOOL BUILDINGS:	
Inspection of school buildings in 1913	549–586
summary of school inspections	586
STATISTICS FOR FORTY-SIX LEADING CITIES	227
STATISTICS PERTAINING TO SUGAR INDUSTRY	591–592

Digitized by Google

STEAM BOAT INSPECTION: Page
certificates issued 474–475
financial statement 476
inspector's report 470
licenses issued 471–474
summary of boat inspection 476
STORE INSPECTION:
inspection of stores by counties 487–490
summary of store inspection 491–492
SUMMARY OF STATISTICS RELATING TO RESTAURANTS 465–468
TENEMENT SHOP INSPECTION:
cigars 485–486
cleaning and pressing 485
tailoring 485
summary 486
THEATERS:
inspection of theaters by county 495
summary of theater inspection 495

Digitized by Google

INDEX TO LAWS.

A.

Page

ABANDONED MINES:
map of, to be made 620
precautions, when approaching 620
protection of 620
ABANDONMENT:
of mine, duty of owners previous to 620
ABSORBENT COTTON 611
to be kept on hand in foundries 611
ACCIDENTS 611
collection of information as to 598
report of, by mine owners 628
liability for, in mines, in certain cases 634
annual report of, by county mine inspector 635
report of, to commissioner 635
AFFIDAVIT:
when required for employment permit 601
of parent, required for age certificate 601
of service of order on superintendent, etc., by factory inspector 601
AGE:
issue of certificates of 604
AGENT:
when order for improvements may be served on 606
AGENTS, SPECIAL 598
(See Special agents.)
ALARM:
low water, when required on boiler 614
device for, to be approved by chief factory inspector 614
ALCOHOLIC LIQUORS:
certain persons not to be employed where manufactured, etc 627
AMUSEMENT:
place of, employment of child in 604
ANIMAL OIL:
only pure, to be used for illuminating in coal mines 621
ANNUAL INSPECTION:
of workshops, etc 608
report of, to governor 597
ANNUAL REPORT:
of commissioner, printing of, authorized 599
report of, to governor 597
to be made to governor 597
to include results of coal mine inspection 599
of coal mine owners to inspector 628
of county mine inspector, contents, filing, etc 635
APARTMENT HOUSES:
factory inspectors may order fire escapes on 606
APARTMENTS:
regulation of, when used for manufacture of clothing, etc 609
APPOINTMENT:
of commissioner of labor and deputy 597
of factory inspectors and assistants 597
of special agents 598
of assistants in free employment bureau 615
of inspector of coal mines 617
APPROPRIATION:
annual, for department 615
ASSESSORS:
when to obtain information for department 599
ASSISTANTS:
appointment of, by commissioner 615
to be under control of commissioner 615
ATTENDANCE OF WITNESSES:
may be compelled 598
AUDITOR GENERAL:
to audit and draw warrant for expenses of annual inspection 608–609
to draw warrant for expenses of employment bureaus 615
to levy annual tax for department 615
vouchers for expenses of inspector of steam vessels to be presented to 646
AUTOMATIC COUPLERS:
for safety of railroad employes 665
AUTOMATIC DOORS:
to be provided for elevator openings 605
AUTOMATIC FEEDERS:
for corn huskers 669

Digitized by Google

B.

Page
BANDAGES:
to be kept on hand in foundries 611
mine owners to keep in readiness 628
BAPTISM:
record of, required for employment permit 604
required for age certificate 604
BARKEEPER:
girl or woman not to be permitted to act as 611
BARROOM:
girl or woman not to serve liquor, etc., in 611
BASEMENT:
when emery wheels, etc., not to be operated in 613
BATTLE CREEK:
establishment of free employment bureau in 614
BAY CITY:
establishment of free employment bureau in 614
BELTING:
safe-guards for, to be provided 607
BELTS:
shifters for throwing on or off, to be provided 607
BENZINE, BENZOLE:
carrying of, on steam passenger vessels 643
BILLIARD ROOM:
employment of child in 604
BINDING:
for department, how done 599
BIRTH RECORD:
required for employment permit 602
required for age certificate 602
BLANKETS:
mine owners to keep in readiness 628
BLANKS:
for department, how furnished 599
for special information to be furnished 599
BLASTING:
in coal mines, regulation of 630
BLASTING POWDER:
how to be taken in and out of coal mines 628
BLOWERS:
emery belts or wheels to be provided with 612
duty to provide 613
rate of speed of 613
BOARD OF HEALTH:
when statement of officer of, required for employment permit 602
statement of physician of, required for age certificate 604
duty of, with respect to contagious diseases in manufacturing apartments 610
BOARD OF STATE AUDITORS:
allowance of mine inspector's expense bills by 617
to provide quarters for commission of inquiry into wages of females 660
to audit accounts for supplies for commission 660
BOARD OF SUPERVISORS:
to appoint temporary inspector of mines 631
to fix compensation of inspectors of mines 632
to audit expense of safeguarding abandoned mines 634
to assess expense against premises 634
BOILER ROOMS:
location and construction of, at coal mines 623
BOILERS:
low water alarms for 614
inspection of 614
BOND:
to be given by applicant for license for private employment agency 671
action on, for violation 671
BOOMS OR DRIVES:
legal day's work on 654
BOWLING ALLEY:
employment of child in 601
BRAKEMEN:
limit of work of 655
extra hours labor by 655
payment for extra labor by 655
provisions for safety of 666
BRATTICES:
in coal mines, regulation of 621
BREAKTHROUGHS:
in coal mines, regulation of 621
BREWERY:
certain persons not to be employed in 604
BUFFERS:
operation of, in basement 613
BUFFS:
cotton wheels used as, to be provided with blowers 612
BURLESQUE SHOW:
employment of child in 604
BURNING FLUIDS:
carrying of, on passenger steamers 644

Digitized by Google

C.

	Page
CABLES:	
of elevators to be inspected annually	605
how constructed	605
restriction of riding on	605
for hoisting and lowering men, regulation, etc	627
CAMPHENE:	
carrying of, on passenger vessels	643
CANNING ESTABLISHMENTS:	
hours of labor in	600
CAPITOL BUILDING:	
doors of, to open outward	606
CERTIFICATES:	
of age, how signed	604
contents of	604
conditions of issue of	604
of inspection of steam vessels	637
of inspection of hotel	650
CHECK WEIGHMAN:	
employes of coal mine may name	619
how sworn and paid	619
CHEMICAL FIRE EXTINGUISHERS:	
hotels to be provided with	648
CHIEF FACTORY INSPECTOR:	
commissioner to be	607
authority of, to seize certain infected articles	610
when to report to state board of health	610
may order low water alarm on boilers	614
to approve device for	614
CHILD:	
employment of, in manufacturing establishment	600
in delivery of messages etc	600
in theater, etc	605
in mercantile institutions, etc	601
conditions of	601
penalty for permitting unlawful employment of	615
CHILDREN:	
how may be employed in theatrical companies	605
act to provide for compulsory education of	673–678
deaf, compulsory education of	678–679
CITY OFFICERS:	
to furnish information to department	599
CLOTHING ESTABLISHMENT:	
hours of employment in	600
COAL MINES:	
inspector of, appointment of	617
authority of inspector to enter	618
only competent engineers to operate cages in	627
stock of timber to be kept on hand in	629
mode of ventilation of	621
regulation of doors in	621
closing of entry breakthroughs in	621
certain, to be examined every morning	621
lights at top and bottom of shafts in	625
testing of weights, measures and scales in	618
illuminating oil to be used in	621
inspection of oils used in	622
use of parts of, as water closet	631
protection of health and safety of employes in	616–631
definition of terms used in	616
inspector not to be interested in	617
police powers of inspector of	617
when may be closed by inspector	617
repairing and re-opening of	617
when inspector may enter and inspect	618
free access to be allowed to	618
result of inspection of, how posted	618
copies of inspection of, to be furnished to mine office	619
weighmen in, to be sworn	619
check weighman, how named and paid	619
maps or plans of, by whom and how made copies etc	619
extensions of, to be entered on maps	619
when inspector may order survey of workings of	619
precautions, when approaching abandoned workings of	620
regulation of wiring for electricity in	622
use of gasoline engines, etc., in, regulated	622
limit of supply of gasoline in	622
when and where hand fire extinguishers required in	623
location and construction of boiler and engine rooms at	623
erection of inflammable buildings at	623
where explosives not to be stored at	623
escape shafts or ways in, construction, ventilation, etc	623–625
ways around hoisting shafts in	625
location, construction and regulation of stables in	625
places of refuge, signals, lights, etc	626
means of communication in shafts of	626
safety in hoisting men in	627

Digitized by Google

COAL MINES—Continued: Page
how explosives to be taken in or out of ... 628
annual report of owners of, to inspector ... 628
report of accidents in ... 628
stretchers blankets and bandages to be kept ready ... 628
duties of mine foreman or pit boss of ... 629
precautions to be taken in ... 629
regulation of blasting in ... 630
employes of, not to ride on loaded cars ... 630
no one to go about, under influence of intoxicants ... 630
no one to have intoxicants in or about ... 630
roof of, to be securely propped ... 630
props or caps in, not to be wasted ... 630
disposition of unsuitable material in ... 630
fraudulent practices in, prohibited ... 630
penalty for violation of regulations as to ... 631
COAL OIL:
carrying of, on passenger vessels ... 643
CODE OF SIGNALS:
to be placed before engineers ... 628
COMMISSION:
for inspection and regulation of hotels ... 649
of inquiry into questions of wages for females ... 659–660
appointment of ... 649
members of, to serve without pay ... 660
payment of expenses of ... 660
duties and powers of ... 660
report of, to legislature ... 660
organization and place of meeting of ... 660
purchases of supplies for ... 660
COMMISSIONER OF LABOR:
appointment, title, term and deputy of ... 597
to keep office in Lansing ... 597
may appoint factory inspectors and assistants ... 597
appointment of special agents by ... 598
authority of, to make inspections ... 598
publication of statistics by ... 598
compensation and expenses of ... 599
printing of annual report of ... 599
collection of information under direction of ... 599
supervisors and assessors to return certain information to ... 599
authority of, to enter factories etc ... 600
penalty for refusal or false testimony before ... 600
to furnish copies of law to be posted ... 600
age certificates to be issued under direction of ... 604
to be chief factory inspector ... 607
deputy factory inspectors to report to ... 608
to make annual inspection of factories, etc ... 608
to have direction and control of inspectors ... 608
when to present report to governor ... 609
prosecutions upon complaint of ... 609
may order hair-picking machines provided ... 613
to organize and control free employment bureaus ... 614
to secure co-operation of employers ... 614
may advertise in newspapers, etc ... 614
may appoint assistants for employment bureaus ... 615
assistants to be under control of ... 615
appointment of inspector of coal mines by ... 617
to approve expense bills of inspector of mines ... 617
maps of mines to remain in custody of ... 619
to be furnished copy of annual report of county mine inspectors ... 635
charged with administration of steam vessel act ... 635–636
to employ inspector of steam vessels ... 636
to have supervision of inspector ... 635
when and how to inspect steam vessels ... 636
to fix number of passengers to be carried ... 636
to test boilers of steam vessels ... 636
to give certificate of inspection of vessel ... 637
to give reasons for refusing certificate ... 638
to require provisions aganst fire ... 638
may make special rules for navigating steam vessels ... 638
when may prescribe extra boats for passenger vesse s ... 641
to see that vessels are provided with life preservers, etc ... 642
authority of, as to safety valves of steam vessels ... 642
when may examine and license masters, etc , of steam passenger vessels ... 643
when may revoke license of master, etc ... 643
may prescribe place for name of steam vessel ... 643
may prescribe how to receive and discharge passengers ... 643
to approve regulations for receiving and discharging passengers ... 643
to approve protection of petroleum carried as fuel on steam vessels ... 643
annual report of, to governor, contents, etc ... 944
may make temporary provision for unlicensed officer of passenger vessel ... 645
to fix inspection fee for steam vessel ... 645
to account for fees ... 645
to procure instruments, etc., for inspectors of steam vessels ... 646
report of accidents to ... 646
may review refusal or revocation of license by inspector of steam vessels ... 647
certification to witness fees by ... 647

Digitized by Google

COMMISSIONER OF LABOR—Continued: Page
member of commission to enforce act relative to hotels 649
notice to, of occupational disease reported 670
to prosecute for failure to report occupational disease 670
powers and duties of, as to private employment agencies 671–673
to issue license for 671
to fix form of license 671
when may revoke license 671
to turn license fees into treasury 671
to require bond of applicant for license for employment agency 671
when may bring action on bond 671
penalty for interference with, in certain cases 673
COMMON CARRIER RAILROAD COMPANIES:
liability of, to employes 652–653
for damages resulting from negligence 652
contributory negligence of employe of, when not bar to recovery 652
when employe of, not deemed guilty of contributory negligence or to have assumed risk 652
certain contracts not to bar recovery of damages against 653
limitations of actions against 653
duty of, not limited by act 653
employes of, in shops or offices, not included in act 653
COMPENSATION:
of commissioner and deputy 659
of factory inspectors, assistants 659
how audited and paid 659
of assistants, etc., limit of 659
of assistants for employment bureaus, how paid 615
of county inspectors of mines, how fixed 632
of inspector of steam vessels, how paid 645
CONCERT HALL:
employment of child in 601
CONDUCTORS:
limit of work of 655
extra hours' labor of 655
payment for extra labor by 655
CONSTABLE:
when to inspect factory or workshop 613
CONTAGIOUS DISEASES:
in manufacturing apartments, report of 610
seizure and examination of infected articles 610
CONTRIBUTORY NEGLIGENCE:
of employe, when not bar to recovery 652
when employe not held to be guilty of 652
CORN HUSKERS:
safety devices for 669
CORRUPT INFLUENCING:
of employes, etc., prohibited 663
CORUNDUM:
wheels or belts coated with, to be provided with blowers 612
COTTON WHEELS:
used as buffs, to be provided with blowers 612
COUNTY COMMISSIONER OF SCHOOLS:
when may issue permit to employ child under 16 601
COUNTY INSPECTORS OF MINES:
election, powers and duties of 631–635
COUNTY OFFICERS:
to furnish information to department 599
CURTAINS:
use of, in coal mines 621

D.

DAIRY AND FOOD COMMISSIONER:
member of commission to enforce hotel act 649
DANCE HALL:
employment of child in 604
DANCING:
girl or woman not to furnish music for, in saloon 611
DAY'S LABOR:
by employes of railroads 655
limit of continuous work of certain employes 655
ten hours to constitute 655
payment for labor in excess of 655
DAY'S WORK:
for certain males and females 600
(See "legal day's work.")
DEFINITIONS:
of terms used in mine 616
of "hotel" 647
of "railroad company" 653
DEPARTMENT OF LABOR:
organization, powers and duties 597–615
appointment and term of commissioner and deputy 597
deputy factory inspectors and assistants for 597–598
general duties of 598
special agents of 598
inspections by 598
authority of, to visit places 598
not to publish individual statistics 598

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DEPARTMENT OF LABOR—Continued: Page
to publish statistics in aggregates, etc. 598
may subpoena and examine witnesses 599
limit of salaries and expenses of 599
printing of annual report of 599
printing, binding, etc., how done for 599
collection of information by 599
supervisors and assessors to return information to 599
annual appropriation for 615
DEPUTY COMMISSIONER OF LABOR:
appointment and term of 597
authority of to enter factories, etc. 600
to be factory inspector 607
may make annual inspection of factories, etc. 608
may order hair-picking machines provided 613
when inspector of steam vessels deemed to be 646
DEPUTY FACTORY INSPECTORS:
appointment of 597
authority of, to enter factories, etc. 600
to inspect elevator gearings annually 605
to be factory inspectors 607
two to be women 607
to report to commissioner 608
authorized to administer oaths 608
may make annual inspection of factories, etc. 608
report to, of contagious diseases in manufacturing apartments 610
authority of, to seize certain infected 610
(See also "factory inspectors.")
DEPUTY INSPECTORS OF MINES:
appointment and duties of 632
compensation of, how fixed 632
not to divulge name of party notifying, to inspect mine 635
(See also "inspectors of mines.")
DETROIT:
free employment bureau to be established in 614
DISTILLERY:
certain persons not to be employed in 604
DOORS:
of certain buildings, to open outward 606
outside, of manufacturing establishments, to swing out and be unlocked 606
in coal mines, regulation of 621
DRAINAGE:
sanitary, of hotels 649
DRESSING ROOMS:
certain institutions to be provided with 607
factory inspectors may order installment of 610
DRESSMAKING ESTABLISHMENT:
hours of employment in 600
DUST:
when devices to be provided for carrying off 607
DWELLING HOUSE:
no room in, to be used for manufacture of clothing, etc. 609

E.

EARTH CLOSETS:
to be provided for employes 607
ELECTRIC LAUNCHES:
inspection of 637
must comply with act 645
penalty for navigating, without complying 645
ELECTRIC WIRING:
regulation of, in coal mines 622
ELEVATOR OPENINGS:
automatic doors or gates for 605
ELEVATORS:
employment of child in 601
cables, gearing, etc., of, to be inspected annually 605
condemnation of, if unsafe 605
factory inspectors empowered to order repair of 610
EMERY WHEELS OR BELTS:
fans or blowers to be provided for 607
solid use of, in wood-working establishments 612
to be fitted with hood or hopper 612
to be provided with suction pipes 612
when not to be operated in basement 613
no female to be employed to operate 613
EMPLOYERS:
refusal of, to allow inspectors to enter, etc. 600
to keep certain section of law posted 600
when may employ child under 16 601
liability of 601
of female help to provide seats 611
EMPLOYERS AND EMPLOYES:
duties and liabilities of, in certain cases 650–652
written contracts between, when required 650
consent to employment of child 651
penalty for misrepresentations 651
penalty for fraudulently receiving transportation to place of labor 651
penalty for violation of act 651

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EMPLOYERS AND EMPLOYES—Continued: Page
payment of wages in case of disagreement between 658
special contract between, not to affect payment of wages 659
penalty for failure to pay wages according to law 659
protection of toilers against unjust demands 661–662
obstruction or annoyance of, because of membership in militia 662–663
corrupt influencing of agents, employes, etc 663
water closets for workmen on buildings 664
EMPLOYES:
collection of information as to 598
in coal mines, provisions for health and safety of 616
of coal mines, may name check weighman 619
in coal mine, not to ride on loaded cars 630
use of part of mine excavations by, as water closet 631
liability of common carriers to 652–653
liability to, for negligence, etc 652
when contributory negligence of, not bar to recovery 652
when not deemed guilty of contributory negligence 652
when not deemed to have assumed risk of employment 652
certain contracts by, not to bar recovery of damages 653
limitation of actions by, against common carrier companies 653
rights of, not impaired by common carrier act 653
in shops or offices not included 653
on railroads, day's labor of 653
act providing for semi-monthly payment of wages to 658–659
payment of wages of, when leaving 655
corrupt influencing of, prohibited 663
on railroad trains, protection of 664–665
on railroads, automatic couplers for safety of 665–666
provisions for safety of brakemen on railroads 666–667
of street railway companies protection of from weather 667–668
EMPLOYMENT AGENCIES:
(See "private employment agencies.")
EMPLOYMENT BUREAUS FREE:
(See "free employment bureaus.")
ENGINE ROOMS:
location and construction of, at coal mines 623
ENGINEERS:
only competent, to operate cages in mines 627
duties of 627
of steam passenger vessel, license of 643
penalty for acting as without license 643
revocation of license of 643
duty of, as to steam pressure 644
penalty for violation by 644
temporary action as, without license 645
penalty for alteration of license by 646
flashing light into eyes of, prohibited 646
on railroads limit of work of 655
extra hours' labor in emergency 655
payment for extra labor by 655
ENTRANCES:
to foundries how constructed 611
ESCAPEMENT SHAFTS:
to be provided in coal mines 620
construction and equipment of 623–625
weekly examination of 625
removal of obstructions from 625
EXHAUST FANS:
when to be provided for emery wheels 607
when required in foundries 611
EXPENSES:
of commissioner and deputy 599
how audited and paid 599
limit of 599
of annual inspection, how paid 608
of inspector of mines, how paid 608
of inspector of coal mines, how paid 617
of protecting abandoned mines, how paid 632–633
of inspector of steam vessels, how paid 645
of commission of inquiry into wages of females 660
EXPLOSIVES:
use of in coal mines, regulated 623
where not to be stored at coal mines 623
how to be carried in and out of coal mine 628
carrying of, on steam passenger vessels 643

F.

FACTORIES:
authority of commissioner to enter 600
who not to be employed in 600
employment of child in 601
owner of, to provide belt shifters and safe-guards 607
inspection of 608–613
blowers for emery wheels in 612–613
certain to be provided with hair-picking machines 613
legal day's work in 654

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FACTORY INSPECTORS: Page
appointment of 597
compensation and expenses of 599
authority of, to enter factories 600–607
register of child employes and permits to be produced on demand of 601
to inspect elevator gearings annually 605
power of, to condemn unsafe schoolhouses 606
authority of, to order fire escapes 606
to give notice of required fire escapes 606
may require stairways in manufacturing establishments 606
may require safe guarding of gearing, etc 607
may require exhaust fans to carry off dust 607
chief, commissioner to be 607
two to be women 607
power of, to visit and inspect factories, etc 608
to report to commissioner 608
to enforce provisions of law 608
to serve copy of order on superintendent, etc 608
authorized to administer oaths 608
prosecution upon complaint of 609
approval by, of complaints by citizens 609
granting by, of permit to manufacture clothing, etc., in apartment 609
when may revoke permit 609
register of apartment work to be produced for inspection by 609
authority of, to order improvements 609
to enforce regulations for foundries 611
may require clothes-drying facilities in foundries 611
when to inspect factory or workshop 613
to prescribe conditions of use of emery wheels, etc., in basements 613
may order hair-picking machines 613
chief, may require low water alarm on boiler 614
to approve device 614
FALSE STATEMENT:
for employment permit 603
FALSE TESTIMONY:
before commissioner, penalty for 600
FANS OR BLOWERS:
emery wheels or belts to be provided with 612
duty to provide 613
rate of speed of 613
FEES:
of witnesses subpoenaed 598
not to be charged for permit to employ child 601
for license of officer of steam vessel 645
for inspection of steam vessel 645
commissioner to account for 645
penalty for receiving illegal 646
for license of private employment agency, disposition of, etc 671
chargeable by licensed employment agency, regulation of 672
FEMALES:
not to be kept unnecessarily standing 604
certain, not to be allowed to clean machinery in motion 604
not to be employed in certain places 604
hours of employment of, in factories, etc 605
where employed, stairs to be screened 606
sanitary arrangements of places where employed 607
heating and ventilation of rooms for, in hotels 607
suitable seats to be provided for 611
not to be employed to operate emery wheels, etc 613
penalty for permitting unlawful employment of 615
commission of inquiry into question of wages of 659
FERRY BOATS:
how equipped with row boats 641
FIRE ESCAPES:
authority of factory inspectors to order 606
how to be constructed 606
how hotels to be equipped with 648
FIRE EXTINGUISHERS:
when and where required in coal mines 623
chemical, hotels to be provided with 648
FIREMEN:
on railroads, limit of work of 655
extra hours of labor by 655
FIRE PLACES:
open, use of, in foundries 611
FIRE PUMP:
certain vessels to be provided with 641
FLINT:
establishment of free employment bureau in 614
FOUNDRIES:
regulations for construction and operation of 611
what deemed to be 612
FREE EMPLOYMENT BUREAUS:
where to be established 614
how designated 614
organization and control of 614
no fee to be charged by 614
advertisement for 615
appointment of assistants for 615
payment of expenses of 615

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FRUIT CANNING ESTABLISHMENTS: Page
hours of labor in 600

G.

GANGWAYS:
on passenger vessels, regulation of 638
GASOLINE ENGINES:
regulations for use of, in coal mines 622
GASOLINE LAUNCHES:
inspection of 637
must comply with act 645
penalty for navigating, without complying 645
GAUGE COCKS:
on steam boilers, inspection of 637
GEARING:
of elevators, to inspect annually 605
to be provided with safeguards 607
GIRL:
not to be permitted to act as barkeeper, etc 611
GOVERNOR:
authorized to appoint commissioner of labor 597
department of labor to present statistics to, etc 597
commissioner to make yearly report to 609
approval by, of appointment of inspector of coal mines 617
to fill vacancies in office of county inspector of mines 632
annual report of commissioner to, contents, etc 644
GRAND RAPIDS:
establishment of free employment bureau in 614
GRINDING MACHINES:
when need not be provided with blowers 612
GRINDSTONES:
when to be provided with exhaust fans 607

H.

HAIR-PICKING MACHINES:
certain factories to be provided with 613
HALLS:
factory inspectors may order fire escapes in 600
HAMMER TEST:
for boilers, may be made 637
HAND FIRE EXTINGUISHERS:
when and where required in coal mines 623
HAND RAILS:
to be provided on stairways in manufacturing establishments 606
HAY:
loose, carrying of, on passenger steamboats 643
HEALTH OFFICERS:
duty of, with respect to contagious diseases in manufacturing apartments 610
HOISTING APPARATUS:
in escape shafts of coal mines, how constructed, etc 624
HOISTING CAGES:
for men, regulation and safety of 627
HOISTING SHAFTS:
to be enclosed and secured 605
traveling ways around 625
HOOD OR HOPPER:
emery wheel to be provided with 612
HOT WATER:
for washing purposes in foundries 611
HOTEL INSPECTORS:
who to be 649
duties of 649
power of, to enter hotels 649
when to issue certificate of inspection 650
penalty for false certification by 650
penalty for hindrance of 650
to make complaint for violation of act 650
HOTELS:
general authority to inspect 598
authority of commissioner to enter 600
employment of child in 601
protection of elevator openings in 605
factory inspectors may order fire escapes on 606
how to be provided with wash rooms, closets, etc., for employes 607
heating and ventilation of sleeping rooms for female help 607
annual inspection of 608
act relating to conduct of 647–650
definition of 647
how to be equipped with fire escapes 648
to be provided with chemical fire extinguishers 648
when bedrooms of, to be provided with ropes 648
sanitary regulations for 649
towels, sheets, blankets, etc 649
penalty for failure to comply with regulations for 649
commission to enforce act relative to 649
inspectors of 649
inspection of 649
power of inspector to enter 649
certificate of inspection of 650
false certification of inspection of 650
prosecution for carrying on, in violation of law 65

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HOURS OF LABOR: Page
collection of information as to 598–600
HYDROSTATIC TEST:
for boilers, how applied 637

I.

ILLUMINATING OIL:
use of, in coal mines 621
INCLEMENCY OF WEATHER:
protection of street railway employes from 667–668
INFECTIOUS DISEASES:
in manufacturing apartments, report of 610
seizure and examination of infected articles 610
INFLAMMABLE BUILDINGS:
erection of, at coal mines 623
INN:
deemed hotel 647
INSPECTION:
general powers of 598
of stationary steam boilers 614
of coal mines, act to provide for 616–631
daily, of appliances in coal mine shafts 626
of working places by mine foreman 629
of mines, manner of 633
of steam vessels, how and by whom conducted 636
of hotels 649–650
INSPECTORS OF COAL MINES:
appointment of 617
compensation and expenses of 617
duty of, to examine record of daily cage examinations 618
not to be interested in mines or miners' organization 617
police powers of 617
when may stop operation of coal mine 617
allowance by, of time for repairs 617
when may allow mine to re-open 618
when may enter and inspect mines 618
to be allowed free access 618
to post and furnish results of inspection 618
to inspect mines four times annually 618
duty of, to test weights, etc 618
to be furnished copies of maps of mines 619
when may order survey of mine workings 619
consent of, required for use of curtains in 621
to approve method of inspection of coal mine shafts 626
annual report of mine owners to 628
monthly report of mine foreman to, and action thereon 629
INSPECTOR OF STEAM VESSELS:
employment and qualifications of 635
may prescribe buckets, etc., to be carried by vessels 642
authority of, as to safety valves 642
to prescribe regulations for receiving and discharging passengers 643
commissioner to fix inspection fees for use of 645
compensation and expenses of 645
when deemed deputy commissioner 646
penalty for receiving illegal fees, etc 646
instruments, etc., for, how procured 646
penalty for certifying falsely 646
to investigate violations of act 647
power of, to subpoena witnesses, etc 647
review of refusal or revocation of license by 647
certification to witness fees by 647
INSPECTOR OF WEIGHTS:
coal mine inspector to be 618
duty of 618
INSPECTORS OF MINES:
election of, in certain counties 631
qualifications of 631
temporary appointment of, by supervisors 631
terms of office of 632
vacancies in office of 632
bonds of, approval and filing of 632
appointment of deputies by 632
compensation of, how fixed 632
general duties of 632–633
how often to inspect mines 633
when may order miners to quit work 336
may order safeguards 633
how to protect idle or abandoned mines 633
liability for allowing work in places condemned by 634
to be furnished with maps, plans, etc., of mines 634
to be furnished with persons and appliances 634
salaries and mileage of how paid 634
to make inspection of mine on notice 635
not to reveal name of party giving notice to inspect mine 635
to file annual report with county clerk 635
to furnish commissioner of labor with copy of report 635
contents of report of 635

Digitized by Google

INSURANCE COMMISSIONER: Page
member of commission to enforce hotel act 649
INTOXICANTS:
no person to go about mine under influence of 630
no one to have in or about mines 630
INTOXICATING LIQUORS:
child not to be employed where sold 601
girl or woman not to furnish music where sold 611
employment agency not to be conducted where sold 672

J.

JACKSON:
establishment of free employment bureau in 614
JUDGE OF PROBATE:
when may issue permit to employ child under 16 601

K.

KALAMAZOO:
establishment of free employment bureau in 614

L.

LABOR AND MATERIALS:
act to secure payment for on public buildings etc 656–657
LABORERS:
protection of rights of 661
LAUNCHES:
inspection of 637
penalty for navigating without complying with law 645
LAUNDRY:
hours of labor in 600
employment of child in 601
LEGAL DAY'S WORK:
violation of act as to 654
disposition of fines recovered 655
not to apply to domestic or farm laborers 655
what constitutes, in factories, etc 654–655
construction of contracts 654
LIABILITY:
of employer in employment of child under 16 603
of mine owners for accidents in certain cases 634
LICENSE:
of masters, pilots and engineers of steam passenger vessels 643
to be framed and posted conspicuously 643
penalty for acting without 643
revocation of, by commissioner 643
temporary navigation of vessel without 645
of officers of steam vessels, fee for 645
penalty for change of, by master, etc 646
right to be heard before revocation of 647
refusal to issue, examination of, by commissioner 647
for private employment agency 671
fee for, form of, expiration and revocation of 671
LIFE PRESERVERS:
required to be carried by steam vessels 642
LIGHTS:
arrangement of, at coal mine shafts 625
on cars moved by machinery, in coal mines 626
to be displayed by steamboats, etc 640
LIME WATER:
to be kept on hand in foundries 611
LINE SHAFTING:
prevention of accidents from 670
LOGGING CAMPS:
legal day's work in 654
LOOSE PULLEYS:
machinery to be provided with, if possible 607
LOW WATER ALARM:
when may be required for boiler 614
approval of, by chief factory inspector 614
LUBRICATING OIL:
storage and use of, in coal mines 622
LUMBER CAMPS:
legal day's work in 654

M.

MACHINE DRILLS:
regulation of operation of 668–669
MACHINERY:
in motion, certain persons not to clean 604
MALES:
hours of employment of, in factories, etc 600
certain, not to clean machinery in motion 604
not to be employed in certain places 604
MALT LIQUORS:
certain persons not to be employed where manufactured, etc 604
(See "intoxicating liquors.")
MANUFACTORIES:
seats in, to be provided for females 611

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MANUFACTURING ESTABLISHMENTS: Page
general authority to inspect ... 598
individual statistics of, not to be published ... 598
employment of child in ... 600–601
owner of, to protect hoisting shafts, elevators, etc ... 605
factory inspectors may order fire escapes on ... 606
what stairways to be provided in ... 606
how to be provided with wash rooms, closets, etc ... 607
annual inspection of ... 608
MAP WORK:
for department, how furnished ... 599
MAPS:
of coal mine, how and by whom made, copies, etc ... 619–620
open to examination in office of commissioner ... 620
extensions to be entered on ... 620
of mines, etc., to be furnished county inspector ... 634
MASTER:
of steam passenger vessel, license of ... 643
penalty for acting as, without license ... 643
revocation of license of ... 643
duty of, as to steam pressure ... 644
penalty for violation by ... 644
steamboat owner responsible for good conduct of ... 644
to keep in conspicuous place parts of act regulating steam vessels ... 644
temporary action of, without license ... 645
penalty for change of license by ... 646
flashing light into eyes of, prohibited ... 646
MEASURES:
used at coal mines, how tested ... 618
MECHANICS:
protection of rights of ... 661
MERCANTILE ESTABLISHMENT:
hours of employment in ... 600
MERCANTILE INSTITUTION:
employment of child in ... 601
MERCHANDISE:
employment of child in delivery of ... 601
MESSAGES:
employment of child in delivery of ... 601
MESSENGER SERVICE:
employment of child in ... 601
MILEAGE:
how allowed and paid to county mine inspectors ... 634
MILITIA:
obstruction or annoyance on account of membership in ... 662–663
MILL:
hours of employment in ... 600
MILLINERY ESTABLISHMENT:
hours of employment in ... 600
MINE FOREMAN:
duties of ... 629
orders of, relative to propping roof, to be obeyed ... 630
MINES:
employment of child in ... 601
election and duties of inspectors of, in counties ... 632
how often to be inspected ... 632
manner of inspection of ... 633
dangerous conditions in ... 633
when safeguards may be ordered in ... 633
protection of idle or abandoned ... 633
liability for accidents in, when not safeguarded ... 634
maps, plans, etc., of, to be furnished to inspector ... 634
penalty for refusal to comply with provisions for inspection of ... 634
inspection of, upon notice ... 635
legal day's work in ... 654
MINORS:
permit for employment of, how obtained ... 673
MOVING PICTURE SHOW:
employment of child in ... 604
MUSIC:
girl or woman not to furnish, in saloon ... 611
MUSIC HALL:
employment of child in ... 604
MUSKEGON:
establishment of free employment bureau in ... 614

N.

NAPHTHA:
carrying of, on passenger vessel ... 643
NAPHTHA LAUNCHES:
inspection of ... 637
must comply with act ... 645
penalty for navigating, without complying ... 645
NINE HOURS:
average of, day's work for certain persons ... 600
NITROGLYCERINE:
carrying of, on passenger vessels ... 643

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NON-RESIDENT: Page
order for improvements to be served on agent or tenant of 610
NOTICE:
to be given of fire escapes ordered 606
of dangerous condition of mine 633
to protect idle or abandoned mines 633
of necessity of services of mine inspector 635
of occupational disease to be given commissioner 670

O.

OATHS:
factory inspectors and special canvassers authorized to administer 608
OCCUPATIONAL DISEASES:
report of, by physicians 678
OFFICE:
commissioner of labor to keep, in Lansing 597
OFFICE BUILDINGS:
factory inspectors may order fire escapes on 606
OFFICES:
employment of child in 601
seats in, to be provided for females 611
OIL:
to be used in coal mines 621
to be used in lamps of passenger vessel 643
OPEN FIRE PLACES:
use of, in foundries 611
ORDER:
service of copy of, on superintendent, etc., of factory, etc 608
for installment of improvements, how served 610

P.

PARENTS:
when affidavit of, required for employment permit 601
affidavit of, may be required for age certificate 604
PASSAGE WAYS:
in foundries, construction and regulation of 611
PASSPORT:
required for employment permit 602
required for issue of age certificate 604
PENAL INSTITUTIONS:
officers of, to furnish information to department 599
PENALTY:
for failure of witness to appear and testify 598
for refusal to give information to commissioner, etc 600
for refusal or false testimony before commissioner 600
for false statements, etc., to procure employment permit 603
for interference with factory inspector 615
for permitting child or female to be illegally employed 615
for violation of provisions of act creating labor department 615
for sale or use of oil unsuitable for use in coal mines 622
for violating act for inspection and regulation of coal mines 631
for refusal to comply with provisions for inspection of mines 634
for divulging name of party giving notice to inspect mine 635
for loading safety valve, etc., of steam vessel 642
for acting as master, pilot or engineer without license 643
for violation of regulation of steam pressure on passenger boats 644
for violation of act regulating steam vessels 644
incurred by master of steam vessel, when payable by owner 644
for change or erasure in license, by master, etc 646
for receipt of illegal fees by inspector of steam vessels 646
for flashing light into eyes of officers of steam vessel 645
for false certificate by inspector of steam vessels 645
for failure to comply with regulations for hotels 649
for false certification of hotel inspection 650
for obstructing, etc., hotel inspector 650
for misrepresentations as to work apart from home locality 650–651
for fraudulently receiving transportation to place of work away from home locality 651
for violation of act relative to contracts for work away from home locality 651
for violation of act making ten hours legal day's work 654
for violation of act as to day's labor on railroads 656
for failure to pay wages according to law 659
for unlawful interference with laborers 661
for violation of act to protect toilers against unjust demands 662
for annoyance or obstruction of employes in militia 663
for corrupt influencing of employes, etc 663
for failure to provide water closets for workmen on buildings 664
for refusal to comply with act to protect employes on railroad trains 665
for failure to provide automatic couplers on cars 665
for failure to provide safety guards for brakemen 666
for failure of street railway companies to protect employes from weather 668
for violation of act regulating operation of power drills 669
for failure to provide safety device for corn husker 669
for failure to protect line shafting 670
for failure to report occupational diseases 670
for violation of act to license employment agencies 673
for violation of compulsory education acts 675–679
PERISHABLE GOODS:
hours of labor in preserving 600

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PERMIT: Page
for employment of child under 16 ... 601–673
conditions of issue of ... 602
for vacation work ... 602
how to be signed ... 602
what to state ... 603
when to be produced for inspection ... 601
when to be returned to child ... 601
no fee to be charged for ... 601
for manufacture of clothing, etc., in apartment, conditions of granting ... 609
when may be revoked ... 609
to be posted in conspicuous place ... 609
when to be produced ... 609
PETROLEUM:
carrying of, on passenger vessels ... 643
use of, as fuel on steam vessels ... 643
PHYSICIAN:
statement of, required for employment permit ... 602
required for age certificate ... 604
duty of, relative to contagious diseases in manufacturing apartments ... 610
to report occupational diseases ... 670
PILOT:
of steam passenger vessel, license of ... 643
penalty for acting as, without license ... 643
revocation of license of ... 643
penalty for violations of act by ... 644
temporary action of, without license ... 645
penalty for alteration of license by ... 646
flashing of light into eyes of, prohibited ... 646
PIT BOSS:
duties of ... 629
PITS:
around furnaces, iron gratings for ... 611
PLANING MILLS:
use of solid emery wheels in ... 612
PLAYHOUSE:
employment of child in ... 604
POOL ROOM:
employment of child in ... 604
POWER DRILLS:
regulation of operation of ... 668–669
PRINTING, BINDING, ETC.:
for department, how done ... 599
for inspectors of steam vessels, how procured ... 646
PRISONS:
officers of, to furnish information to department ... 599
PRIVATE EMPLOYMENT AGENCIES:
act to license and regulate ... 671–673
no person to operate without license ... 671
fee for and form of license for ... 671
expiration and revocation of license for ... 671
enforcement of act to regulate ... 671
disposition of fees from ... 671
bond to be given by applicant for license for ... 671
action against, on bond ... 671
duty of, to keep register ... 672
to issue receipts for fees paid, etc ... 672
limit of fee receivable by ... 672
repayment of part of fee by ... 672
certain practices of, prohibited ... 672
not to send applicants to houses of prostitution, etc ... 672
not to be conducted within place for sale of liquors ... 672
penalty for violating act to license and regulate ... 673
PRIVIES:
for employes, provisions for ... 607
in hotels, regulation of ... 649
PROPS AND CAPS:
timber to be kept for, in coal mines ... 629
miners to avoid waste of ... 630
disposition of unsuitable ... 630
PROSECUTING ATTORNEY:
when to prosecute violations of law ... 609
when to inspect factory or workshop ... 613
violations of steam vessel act to be certified to ... 636
to prosecute for violations of hotel act ... 650
to prosecute offenses against legal day's work act ... 654
to prosecute for failure to protect street railway employes from weather ... 668
to prosecute violation of act regulating operation of power drills ... 669
to prosecute for failure to report occupational disease ... 670
PROSECUTION:
for violation of law as to emery wheels, etc ... 613
PUBLIC BUILDINGS:
factory inspectors may order fire escapes on ... 606
PUBLIC LODGING HOUSE:
deemed hotel ... 647
PULLEYS:
shifters to throw belts on and off of ... 607
loose, to be provided whenever possible ... 607

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R.

Page
RAILROAD COMPANY:
definition of, in common carrier employe act 653
RAILROADS:
day's work of employes on 655
RECORD OF BAPTISM:
required for employment permit 602
age certificate 604
RECORD OF BIRTH:
required for employment permit 602
age certificate 604
REFORMATORY INSTITUTIONS:
officers of, to furnish information to department 599
REFUGE:
places of, required in coal mines 626
REGISTER:
of employes under 16, how to be kept 601
when to be produced for inspection 601
of names of persons to whom work is given to be made in apartments 609
when to be produced 609
to be kept by licensed employment agency 672
RENT:
deduction of cost of improvements from 610
REPORT:
monthly, of child permitted to be employed 603
of deputy factory inspectors to commissioner 607–608
copy of, to be served on superintendent, etc 608
annual, by mine owners to inspector 628
of commission of inquiry into wages of females 659
of occupational diseases, how made 670
penalty for failure to make 670
REPORT, ANNUAL:
(See annual report.)
RISK OF EMPLOYMENT:
where employe not deemed to have assumed 652
ROPES:
when hotel bedrooms to be provided with 648
ROW BOATS:
how passenger boats to be equipped with 641
RULES:
for navigating steam vessels 640

S.

SAFE-GUARDS:
to be provided for gearing, belting, etc 607
for protection of brakemen on railroads 666
SAFETY APPLIANCES:
required in coal mine shafts 626
SAFETY DEVICE:
for corn huskers 669
SAFETY VALVES:
inspection of 637
penalty for loading or obstructing 642
control of, by commissioner 642
SAGINAW:
establishments of free employment bureau in 614
SALAMANDERS:
use of, in foundries 611
SALARIES:
of inspector of coal mines 617
of county mine inspectors and assistants, how paid 634
SALOON:
girl or woman not to serve liquor, etc., in 611
SALT BLOCKS:
legal day's work in 654
SANITARY CONDITIONS:
collection of information as to 598–600
observation of, as to use of part of mine as water closet 631
SANITARY REGULATIONS:
for hotels 649
SAVINGS:
collection of information as to 598
SAW-MILLS:
provision as to use of solid emery wheels in 612
legal day's work in 654
SCHOOL HOUSE:
condemnation of unsafe, by factory inspectors 606
factory inspectors may order fire escapes on 606
doors of, to open outward 606
SCHOOL REPORT:
when required for employment permit 602
how to be signed 602
contents of 603
when may be waived 602
SEAMSTRESS:
not within provisions of law as to work done in apartments 610
SEARCH LIGHTS:
not known as navigating lights 646

Digitized by Google

Page

SEATS:
to be provided for female help 611
SHAFTING:
line, prevention of accidents from 670
SHAFTS:
of coal mines, lights at 625
means of communication and signaling in 626
safety appliances required in 626
SHERIFF:
when to inspect factory or workshop 613
SHIFTERS:
owners of factories, etc., to provide 607
SHOPS:
hours of employment in 600
SHOWS:
employment of child in 604
SIGNALING:
means of, where required in coal mines 626
SIGNALS, CODE OF:
(See "code of signals.")
SOLID EMERY WHEELS:
use of, in wood-working establishments 612
SPECIAL AGENTS:
appointment and authority of 598
SPECIAL CANVASSERS:
collection of information by 599
authorized to administer oaths 608
SPIRITUOUS LIQUORS:
(See "intoxicating liquors.")
STABLES:
in coal mines, location, construction and regulation of 625
STAIRS:
in escape shafts of coal mines, construction, etc 624
STAIRWAYS:
what to be provided in manufacturing establishments 606
around furnaces, how to be constructed 611
permanent, on passenger vessels 638
STATE BOARD OF HEALTH:
chief factory inspector to report certain infected articles to 610
to determine purity of oils for use in coal mines 621
executive officer of, to be member of hotel commission 649
report of occupational diseases to 670
to send notice to commissioner of labor 670
STATE DEPARTMENTS:
may take transcripts of individual statistics 598
STATE INSTITUTIONS:
doors of, to open outward 606
STATE OFFICERS:
to furnish information to department 599
STATE TREASURER:
how to pay expenses of annual inspection 608
when to pay expenses of free employment bureaus 615
commissioner to account for fees to 645
to pay certain witness fees 647
STATEMENT:
of physician required for employment permit 602
of officer issuing employment permit 602
of physician, required for age certificate 604
of officer issuing age certificate 604
STATIONARY STEAM BOILERS:
when low water alarm to be placed on 614
inspection of 614
STATIONERY:
for inspectors of steam vessels, how procured 646
STATISTICS:
collection of, by department of labor 598
presentation of, to governor 597
publication of 598
STEAM BOILERS:
stationary, low water alarms on 614
inspection of 614
STEAM FIRE PUMP:
certain vessels to be provided with 641
STEAM VESSELS:
act regulating 635
commissioner of labor charged with administration 635
appointment and qualifications of inspector of 635
commissioner to have supervision of inspector of 635
annual inspection of, how conducted 636
how number of passengers of, fixed 636
how boilers of, to be tested 636
certificates of inspection of 637
number of passengers may be carried by 638
shielding of woodwork about boilers, etc., of 638
safe-guards against fire on 638
permanent stairways on 638
rules for navigating 638
commissioner may make special rules for 640

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STEAM VESSELS—Continued: Page
to keep rules hung in conspicuous place 640
display lights by 640–641
certain, to be provided with steam fire pump 641
how to be equipped with row boats 641
when commissioner may require extra row boats for 641
to be provided with life preservers 642
penalty for loading or obstructing safety valve of 642
license of masters, etc., of 643
oil to be used in lamps of 643
where to have name painted 643
how to receive and discharge passengers 643
carrying of explosives and inflammables on 643
carrying of petroleum on 643
use of petroleum as fuel on 644
regulation of steam pressure on 644
owner of, responsible for good conduct of master 644
master of, to keep conspicuous parts of act regulating 644
annual report of, by commissioner 644
to comply with terms and provisions of act 645
penalty for navigating without complying 645
temporary navigation of, with unlicensed officer 645
fee for inspection of 645
certain boats exempt 645
STOREHOUSE:
owner of, to provide shifters and safeguards 607
STORES:
general authority to inspect 598
authority of commissioner to enter 600
hours of employment in 600
employment of child in 601
protection of elevator openings in 605
factory inspectors may order fire escapes on 606
how to be provided with wash rooms, closets, etc., for employes 607
annual inspection of 608
work rooms in, to be properly heated, lighted and ventilated 609
seats in, to be provided for females 611
STRETCHERS:
mine owner to keep in readiness 628
SUCTION PIPES:
emery wheels to be provided with 612–613
SUPERINTENDENT:
service of copy of order on, by factory inspector 608
SUPERINTENDENT OF SCHOOLS:
to issue permit for employment of child under 16 601
SUPERVISORS:
when to obtain information for department 599
(See also "board of supervisors.")
SUPPLIES:
for department, how furnished 599
SURVEYS:
of coal mines, how made and preserved 619
SWEET OIL:
to be kept on hand in foundries 611

T.

TELEGRAPH SERVICE:
employment of child in 601
TEN HOURS:
maximum of day's work for certain persons 600
TENANT:
when order for improvements may be served on 610
when may deduct cost of improvements from rent 610
TENEMENT HOUSE:
no room in, to be used for manufacture of clothing, etc 609
TERM OF OFFICE:
of commissioner of labor and deputy 597
of inspector of mines 632
THEATERS:
employment of child in 601
factory inspectors may order fire escapes on 606
THEATRICAL COMPANIES:
traveling, employment of children in 605
TIMBER:
for props and cap pieces in coal mines, to be kept on hand 629
TOILERS:
protection of, against unjust demands 661–662
TOWNSHIP OFFICERS:
to furnish information to department 599
TRAINMEN:
on railroad, limit of work of 655
extra hours' labor in emergency 655
payment for extra labor by 655
TRAVERSE CITY:
establishment of free employment bureau in 614

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V.

Page

VACANCY:
in office of commissioner of labor, how filled 597
inspector of mines 632
VACATION PERMIT:
for employment of child 602
certain requirements may be waived in 602
VARIETY SHOW:
employment of child in 604
VASELINE:
to be kept on hand in foundries 611
VEGETABLE CANNING ESTABLISHMENTS:
hours of labor in 600
VEGETABLE OIL:
only pure, to be used for illuminating in coal mines 621
VENTILATION:
of coal mines, mode of 621
of escape ways from coal mines 625
VILLAGE OFFICERS:
to furnish information to department 599

W.

WAGES:
collection of information as to 598–600
earned on public buildings, etc., act to secure payment of 656–657
bond to secure payment of 656–657
act providing for semi-monthly payment of 658
payment of, when leaving work 658
disagreement as to amount of 658
special contract not to affect payment of 659
penalty for failure to pay as provided by law 659
when act as to payment of, to take effect 659
for females, commission of inquiry into 659–660
certain deductions from, prohibited 661
WAREHOUSE:
hours of employment in 600
owner of, to provide shifters and safe-guards 607
WARRANT:
when to issue for violation of law as to emery wheels 613
WASH HOUSES:
when and where to be constructed at coal mines 623
WASH ROOMS:
certain institutions to be provided with 607
factory inspectors authorized to order installment of 610
WATER CLOSETS:
certain establishments to be provided with 607
factory inspectors may order installment of 610
use of part of mine excavations as 631
in hotels, regulation of 649
for workmen on buildings 664
WEATHER:
protection of street railway employes from 667–668
WEIGHMAN:
of coal, to be sworn 619
check, how may be named 619
WEIGHTS:
used at coal mines, testing of 618
WELL-HOLES:
to be closed and secured 605
WIRING:
for electricity in coal mines, regulation of 622
WITNESSES:
department may subpoena and examine 598
fees of 598
penalty for neglect of, to attend, etc 598
may not be compelled to go out of county 598
refusal or false testimony of, penalty for 600
power of inspector of steam vessels to subpoena, etc 647
payment of fees to 647
WOMAN:
not to be permitted to act as barkeeper, etc 611
WOOD WORKING ESTABLISHMENTS:
provision as to use of solid emery wheels in 612
WORKMEN:
on buildings, water closets for 664
WORK ROOMS:
in stores, to be properly heated, lighted and ventilated 610
WORKSHOPS:
general authority to inspect 598
authority of commissioner to enter 600
hours of employment in 600
employment of child in 601
protection of elevator openings in 605
how to be provided with wash rooms, closets, etc 607
annual inspection of 608
blowers for emery wheels in 612–613
when to be inspected 613
legal day's work in 654

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